

## Figures

Figure 114 of 183

1/69

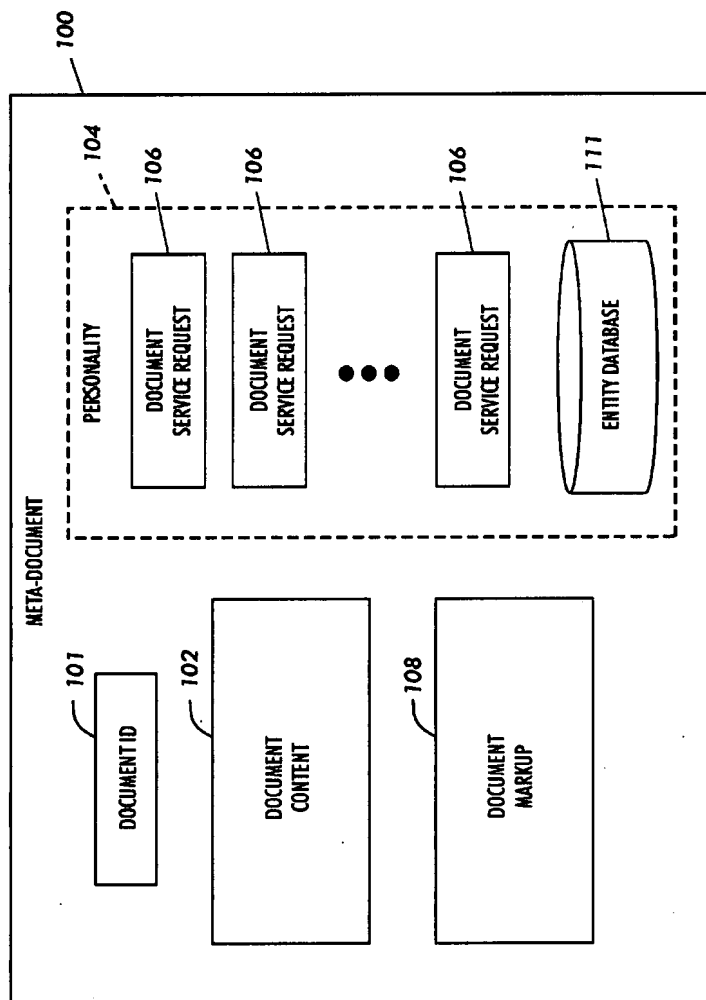


FIG. 1

69

2/69

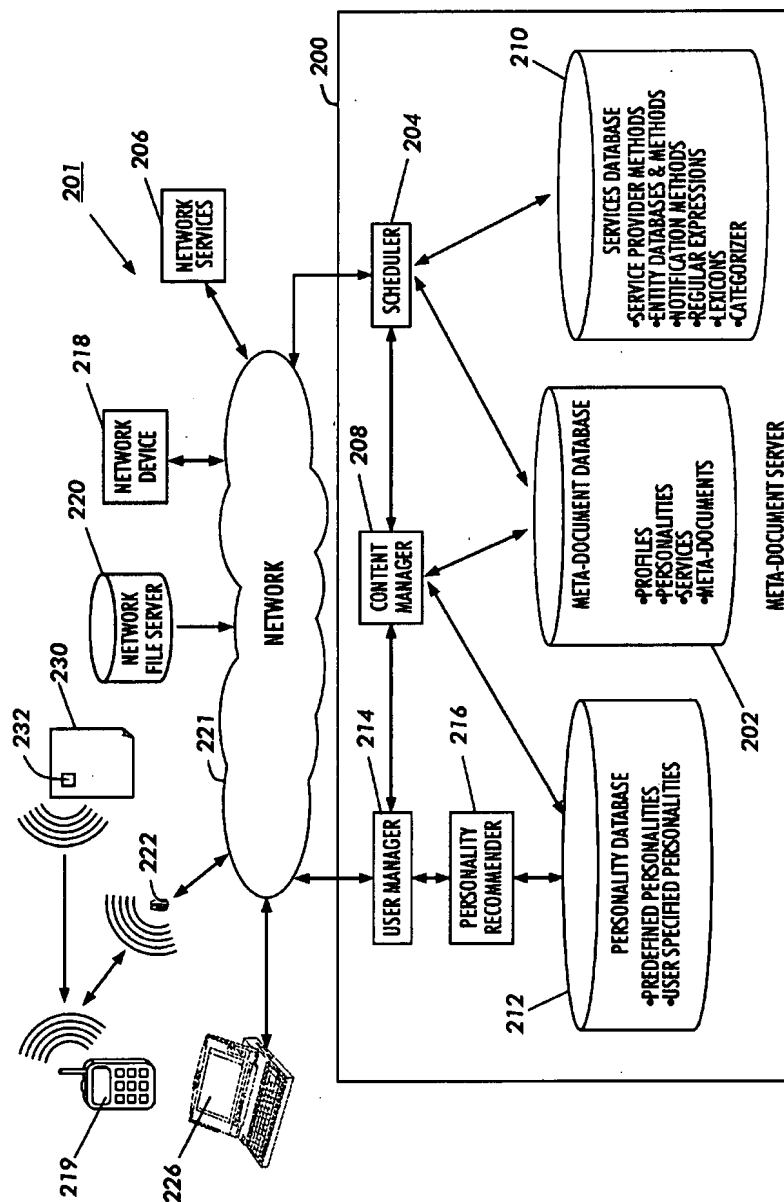


FIG. 2

3/69

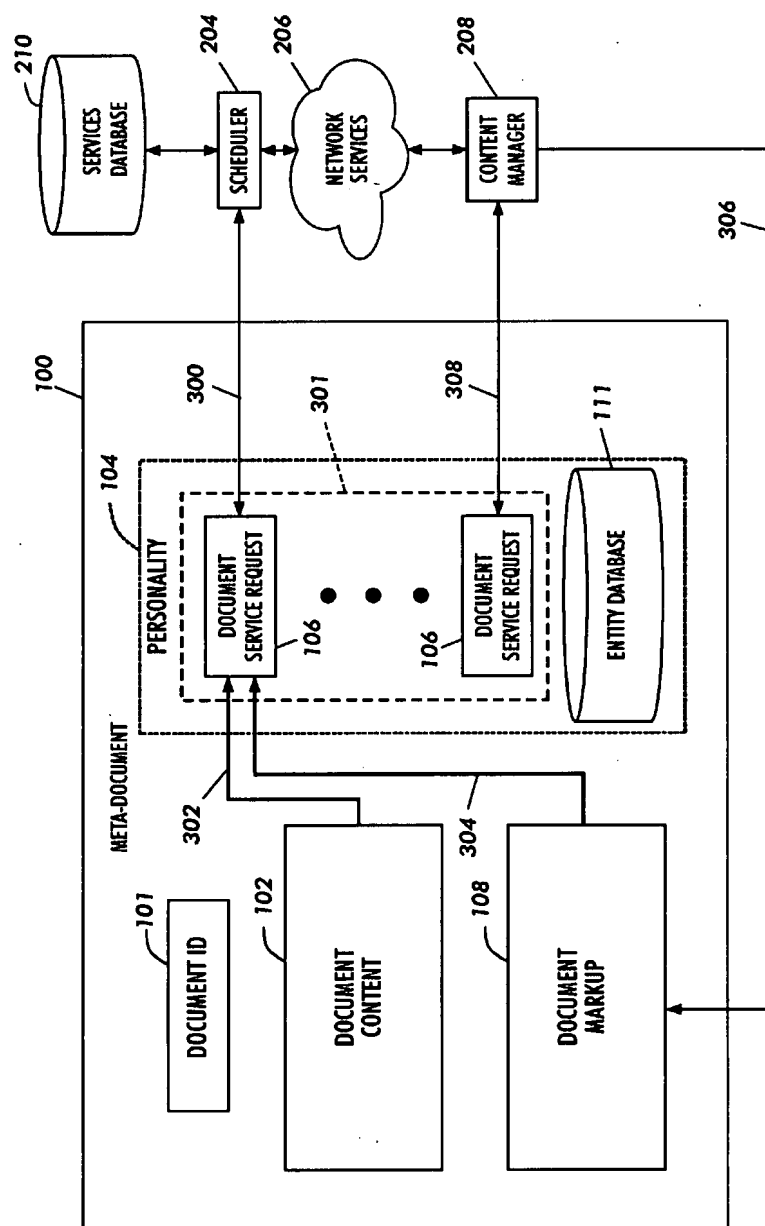


FIG. 3

4/69

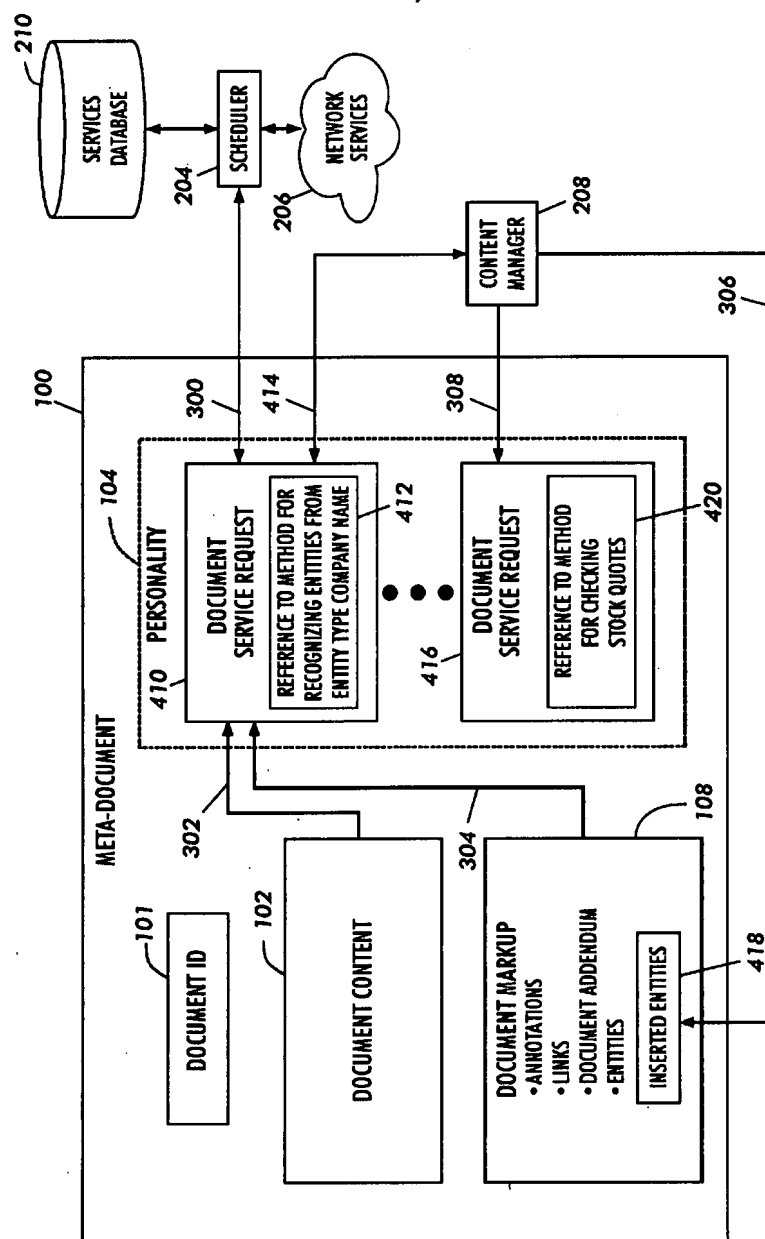


FIG. 4

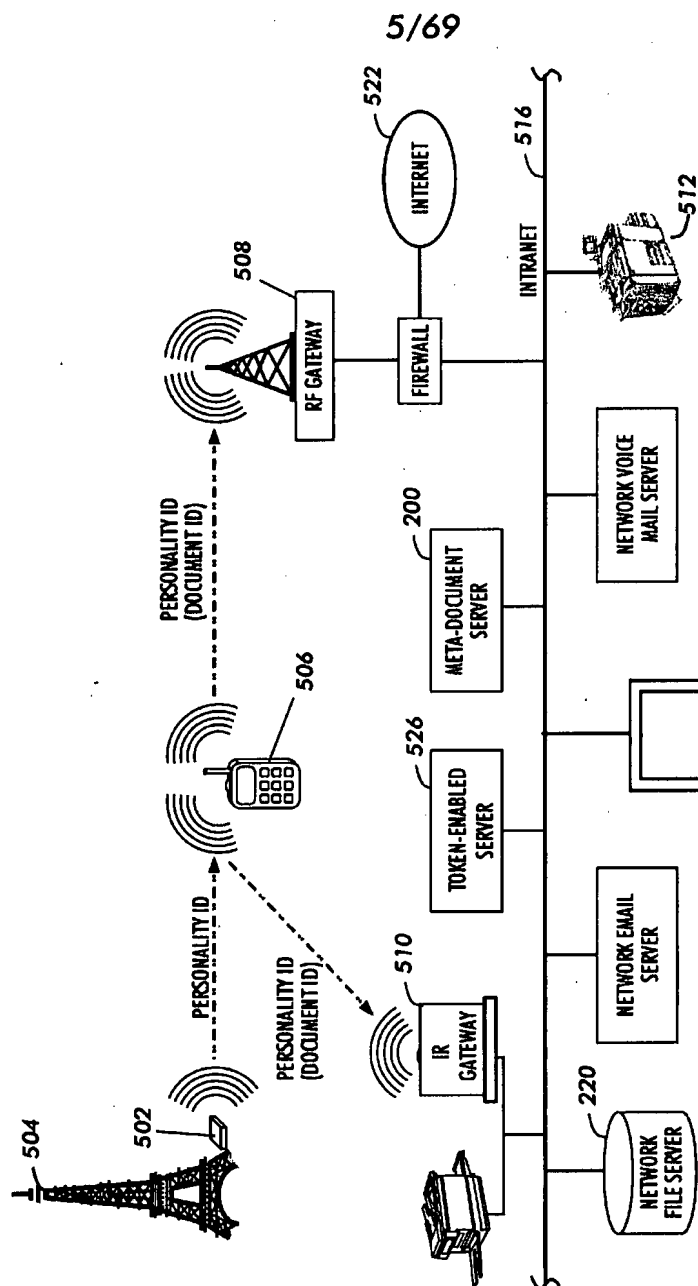
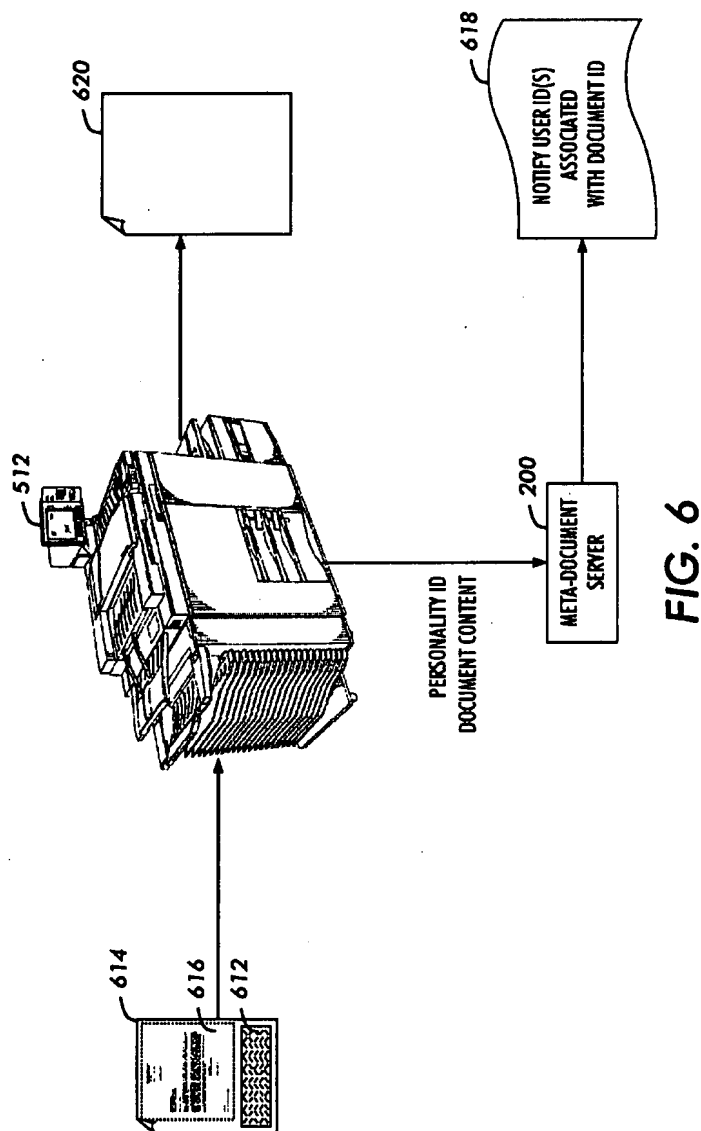


FIG. 5

6/69



7/69

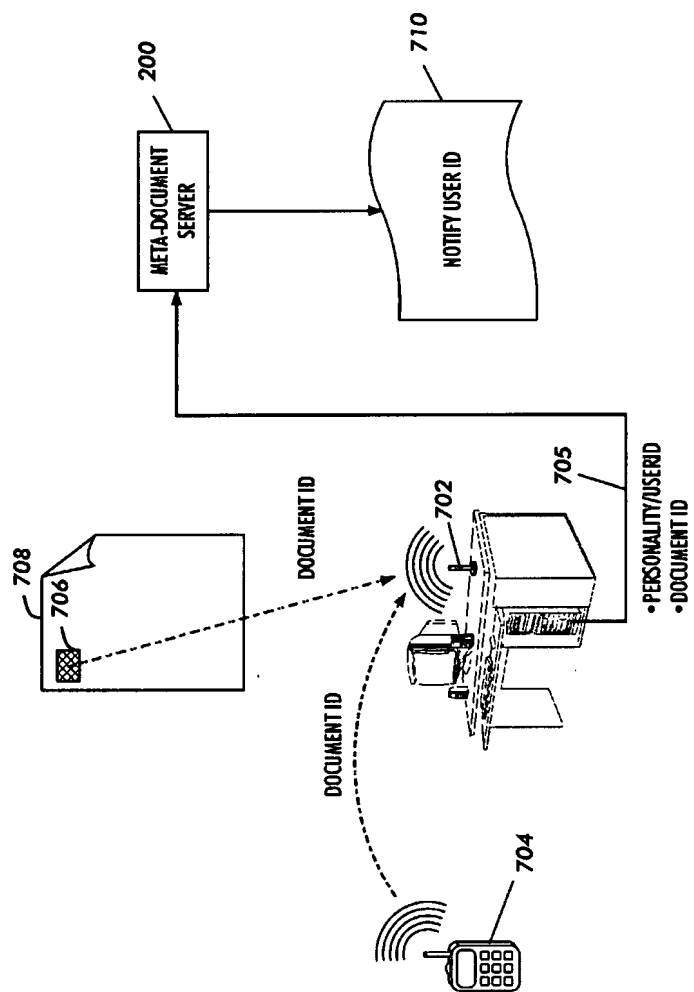


FIG. 7



8/69

**PRINT** [?] [X]

**PRINTER**

NAME:  **PROPERTIES** 814

STATUS: IDLE

TYPE: XEROX 4517 POSTSCRIPT LEVEL 2

WHERE: TIMES.GRENOBLE.XRCE.XEROX.COM-PASSTHRU ☐ PRINT TO FILE

COMMENT: XEROX N2125 B&W DUPLEX - LE CHATEAU - 2ND FLOOR

---

**PAGE RANGE**

☒ ALL ☐ CURRENT PAGE ☐ SELECTION

☐ PAGES:

ENTER PAGE NUMBERS AND/OR PAGE RANGES SEPERATED BY COMMAS. FOR EXAMPLE 1,3,5-12 804

**COPIES**

NUMBER OF COPIES:

☒ COLATE 806

---

**ENRICHMENT**

☒ PERSONALITY:  ☐ SELECT A PERSONALITY FOR ME

**APPLY ENRICHMENT TO:**

☒ ALL ☐ CURRENT PAGE ☐ SELECTION

☐ PAGES:

**INSERT ENRICHMENT AS:**

☒ LINKS ☐ CONTENT **OPTIONS...**

---

**808** **ZOOM 802** **810**

PRINT WHAT:  PAGES PER SHEET:

PRINT:  SCALE TO PAPER SIZE:

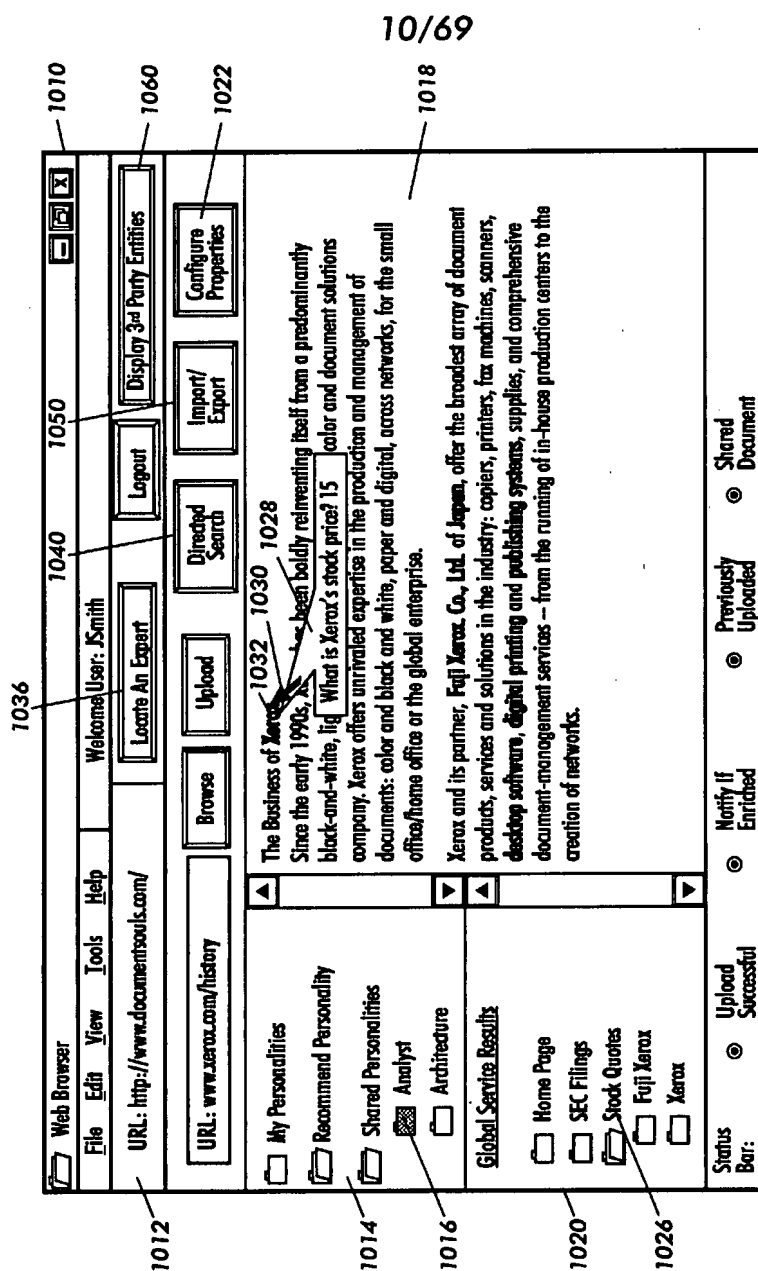
**OPTIONS...** **OK** **CANCEL**

FIG. 8

800

9/69

FIG. 9



11/69

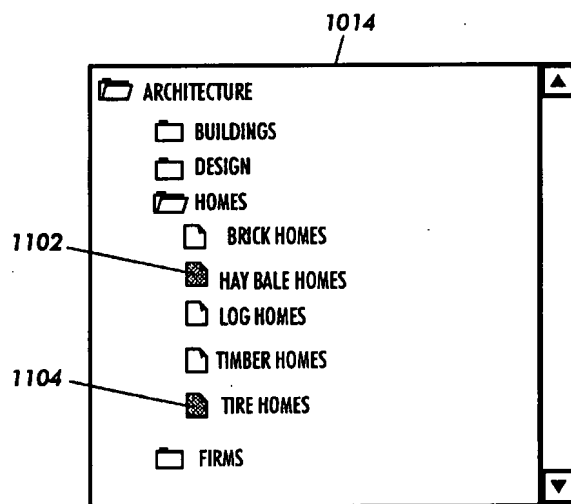


FIG. 11

12/69

**PROPERTIES FOR USER JSMITH**

**PERSONALITIES**

1212 ☒ DEFAULT: ANALYST

☐ RECOMMEND PERSONALITY FOR ME 1214

**PROPAGATE ENRICHMENT BETWEEN DOCUMENTS:**

☒ NO 1230

☐ YES

**INSERT ENRICHMENT AS:**

☒ LINKS 1222

☐ CONTENT 1224

☐ AUTOMATICALLY DETERMINE TO LINK OR INSERT CONTENT 1226

**WHEN DOCUMENT ENRICHED NOTIFY ME BY:**

☐ VOICE MESSAGE 1205

☒ EMAIL 1206

☐ SMS TEXT MESSAGE 1207

**AUTOMATICALLY COMPLETE CITATIONS:**

☒ NO 1242

☐ YES, DEPTH: 4

**ORGANIZE MY PERSONALITIES** 1240

**CREATE/MODIFY MY PERSONALITIES** 1216

**OK CANCEL**

FIG. 12

13/69

1310

CREATE/MODIFY A GROUP OF EXISTING PERSONALITIES

1316

Name	Creation Date
Technology Watch In Computer Sciences	2001-03-16 14:08:06
Watch Business	2001-03-16 14:08:08
Watch Legal	2001-03-16 14:08:10
Watch Intellectual Property	2001-03-16 14:08:10
Scientific Watch In Medicine	2001-03-16 14:08:10

1312

1314

1318

HISTORICAL WATCHBUSINESS SERVICES

those Services are classified by Service Categories, a ticked checkbox meaning that the according service is attached to the selected personality.

Click on this icon to view all available service categories

Search Engine

- *luckygoogle People Google Lucky Result*

Stock Quotes

- *Bloomberg Stock Quoter*

OK CANCEL

FIG. 13

Figure 13 shows a screenshot of a software interface for creating or modifying a group of existing personalities. The interface includes a table with columns for Name and Creation Date. The table lists five personalities: Technology Watch In Computer Sciences, Watch Business, Watch Legal, Watch Intellectual Property, and Scientific Watch In Medicine. Below the table, there is a section for 'HISTORICAL WATCHBUSINESS SERVICES' which lists services like Search Engine and Stock Quotes, each with a checkbox and a description. The interface also features 'OK' and 'CANCEL' buttons at the bottom right.

14/69

1404	1422	1420	1408	1424	1432	1452	1451	1455	1453	1456	1454
SEARCH ENGINE	NAME	ENTITY TYPE	ANNOTATE	DEPTH	PROVIDER	COST	QUERY	REFRESH			
<input checked="" type="checkbox"/>	COMPUTING	COMPUTING	ALWAYS	0	YAHOO	FREE	LINK	DAILY			
<input type="checkbox"/>	BIOLOGY	BIOLOGY	ALWAYS	0	GOOGLELUCKY	NULL	LINK	NEVER			
<input type="checkbox"/>	MEDICINE	MEDICINE	ALWAYS	0	ALTAVISTA	FEE	LINK	AUTO			
<input type="checkbox"/>	APPLY PAIRS OF ENTITIES AND IDENTIFY 3RD PARTY ENTITIES	COMPANIES	EXPERT	0	GOOGLELUCKY	NULL	CONTENT	NULL			
<input type="checkbox"/>	APPLY PAIRS OF ENTITIES USING GOOGLELUCKY	PRODUCTS	ALWAYS	2	NORTHERNLIGHTS	NULL	LINK	WEEKLY			
<input type="checkbox"/>	COUNTRIES	COUNTRIES	NOVICE	0	GOOGLELUCKY	FEE	CONTENT	UNTIL 2003			
<input type="checkbox"/>	ASTRONOMY	ASTRONOMY	ALWAYS	1	GOOGLE	NULL	LINK	MONTHLY			
<input checked="" type="checkbox"/>	PEOPLE	PEOPLE	ALWAYS	3	GOOGLE-PEOPLE	NULL	LINK	NULL			
					VIEW HIERARCHY SET DEPTH						

FIG. 14

15/69

1502

The screenshot shows a software window titled "CREATE/MODIFY MY PERSONALITIES" with a standard Windows-style title bar (minimize, maximize, close buttons). The window contains the following elements:

- NAME:** A label followed by a "BROWSE" button and a text input field (labeled 1504).
- Radio Buttons:** Four radio buttons are arranged vertically, each followed by a text box:
  - The first radio button (labeled 1506) is selected and followed by the text "CREATE/MODIFY A GROUP OF EXISTING PERSONALITIES".
  - The second radio button (labeled 1508) is followed by the text "USE SELECTED DOCUMENTS AND/OR FOLDERS TO CREATE A NEW PERSONALITY". Below this text is a "BROWSE" button and a text input field (labeled 1509).
  - The third radio button (labeled 1510) is followed by the text "USE SELECTED FILE/WEBSITE TO CREATE A NEW PERSONALITY". Below this text is a "BROWSE" button and a text input field.
  - The fourth radio button (labeled 1520) is followed by the text "CREATE QUESTION FORM USING PERSONALITY LEXICONS". Below this text is a label "QUESTION:" followed by a text input field.
- Hint:** A label followed by a text input field (labeled 1514).
- Knowledge Level:** A label "1516 KNOWLEDGE LEVEL:" followed by two radio buttons:
  - The first radio button is selected and labeled "NOVICE".
  - The second radio button is labeled "EXPERT".
- Buttons:** At the bottom right, there are "OK" and "CANCEL" buttons (labeled 1512).

FIG. 15



16/69

1600

CREATE/MODIFY A GROUP OF EXISTING PERSONALITIES

NAME: TECHNOLOGY WATCH IN ORGANIC CHEMISTRY

OPERATION:

☒ MERGE 1602

☐ SUBTRACT 1604

PERSONALITY A ▼

WITH/FROM

PERSONALITY B ▼

OK CANCEL

FIG. 16

17/69

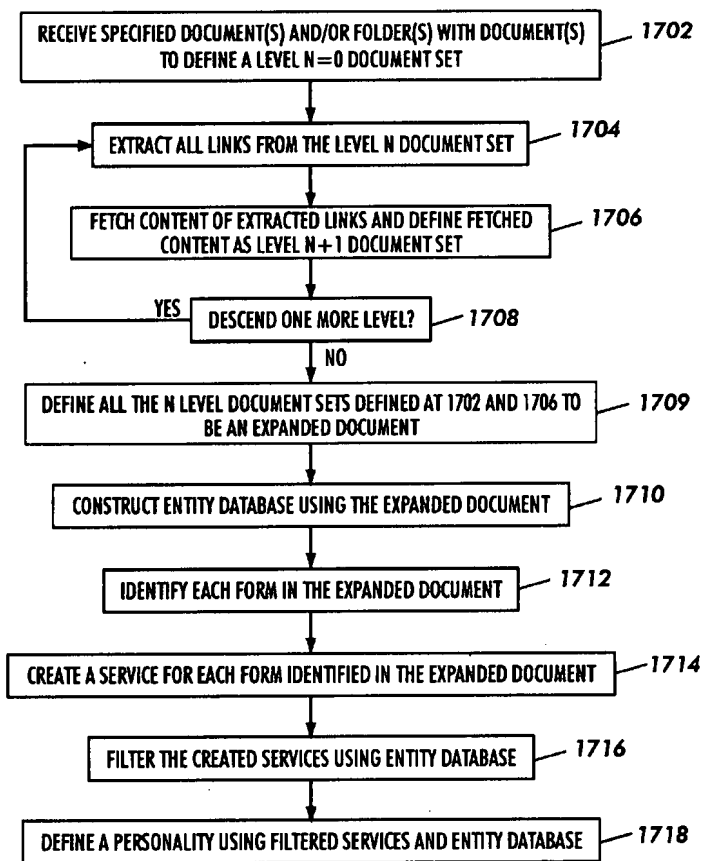


FIG. 17

18/69

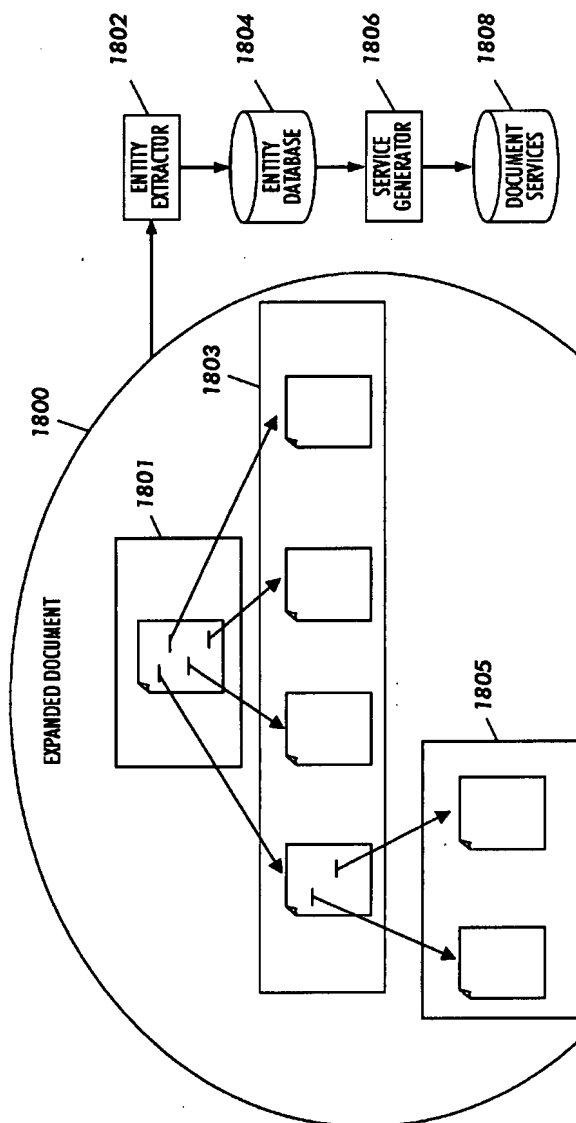


FIG. 18

19/69

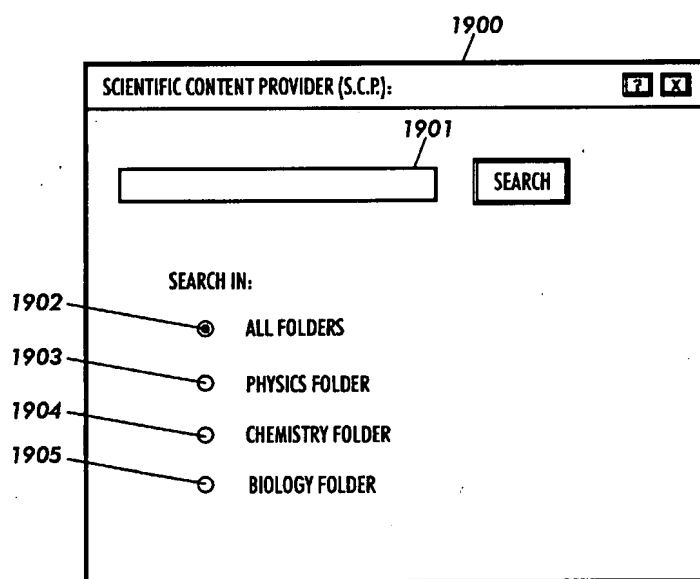


FIG. 19

1900 1901 1902 1903 1904 1905

20/69

SCIENTIFIC SEARCH <input type="checkbox"/> <input type="checkbox"/>									
SEL	NAME	ENTITY TYPE	ANNOTATE	DEPTH	PROVIDER	COST	QUERY	REFRESH	
<input checked="" type="checkbox"/>	ALL FOLDERS RESULT OF SCIENTIFIC CONTENT PROVIDER	STANDARD	ALWAYS	0	S.C.P.	FREE	CONTENT	NULL	
<input type="checkbox"/>	PHYSICS RESULT OF SCIENTIFIC CONTENT PROVIDER	PHYSICS	ALWAYS	0	S.C.P.	FREE	CONTENT	NULL	
<input type="checkbox"/>	CHEMISTRY RESULT OF SCIENTIFIC CONTENT PROVIDER	CHEMISTRY	ALWAYS	0	S.C.P.	FREE	CONTENT	NULL	
<input type="checkbox"/>	BIOLOGY RESULT OF SCIENTIFIC CONTENT PROVIDER	BIOLOGY	ALWAYS	0	S.C.P.	FREE	CONTENT	NULL	

2004

2002

FIG. 20

21/69

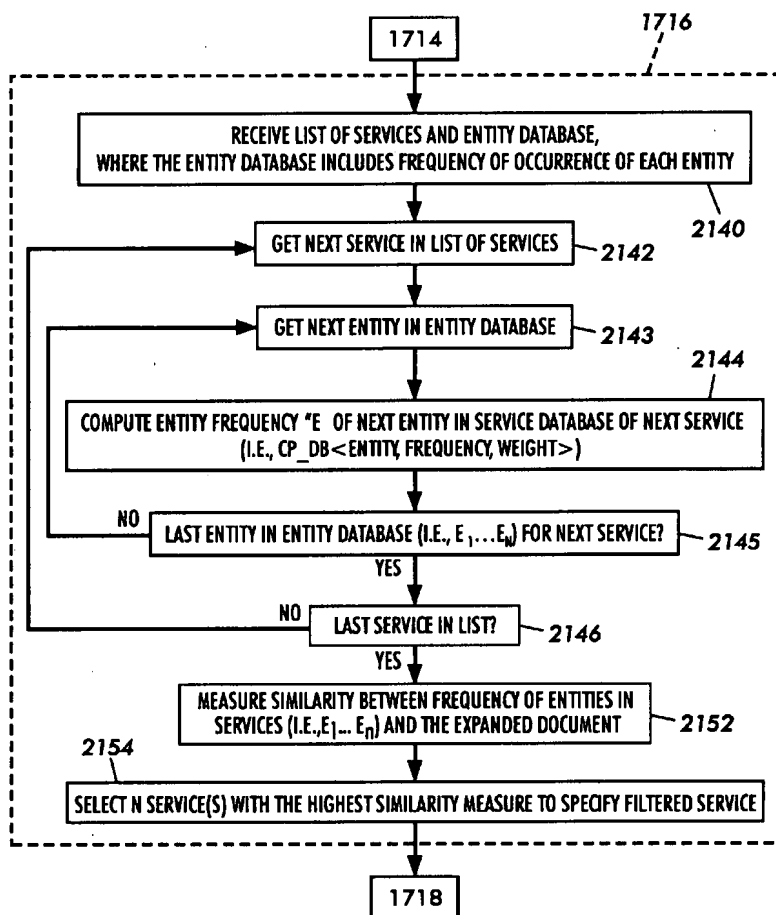


FIG. 21

22/69

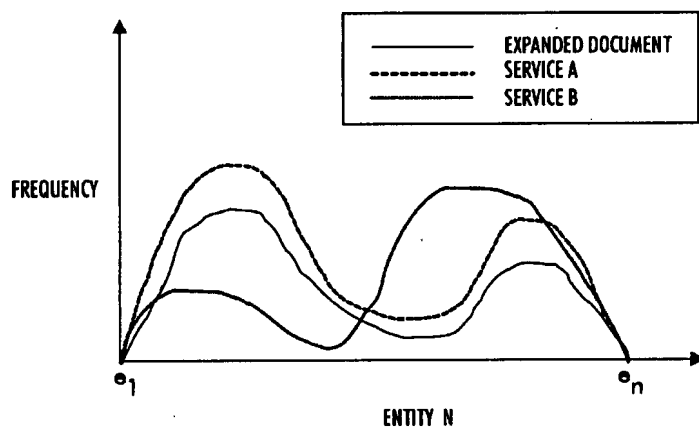


FIG. 22

23/69

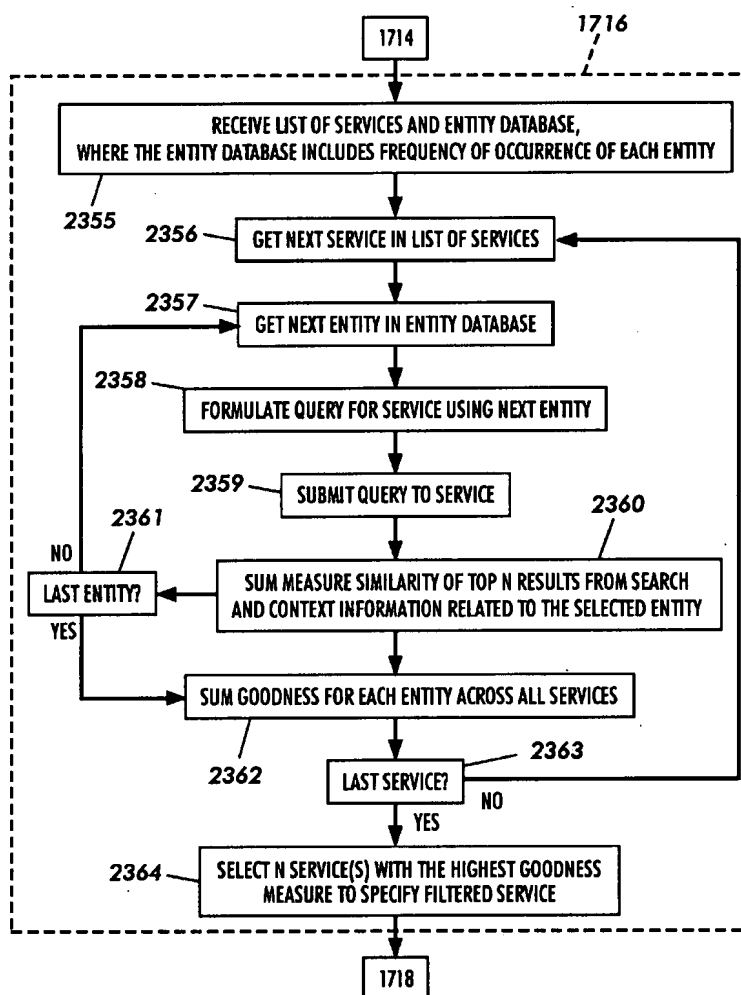


FIG. 23



24/69

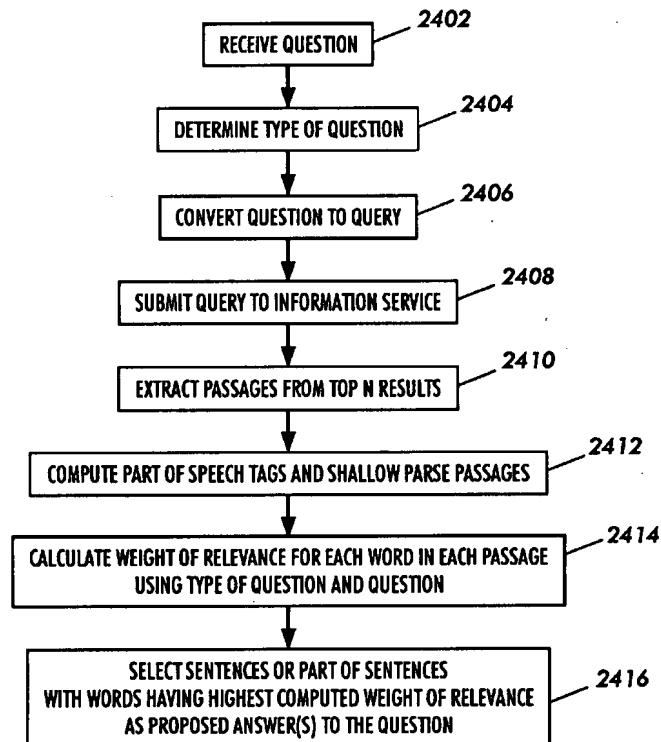


FIG. 24

25/69

2502

E-LEARNING SERVICES ASSOCIATED WITH E-LEARNING PERSONALITY	
SEL	
<input checked="" type="checkbox"/>	LINK WORDS OR MULTWORD EXPRESSIONS FOUND IN THE DOCUMENT TO THEIR DEFINITIONS
<input type="checkbox"/>	LINK WORDS OR MULTWORD EXPRESSIONS FOUND IN THE DOCUMENT TO THEIR TRANSLATIONS
<input type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO A TUTORIAL CONCERNING EACH TEXT UNIT
<input type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO AN EXPERT CONCERNING IDENTIFIED SUBJECTS
<input type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO AN INTERACTIVE COURSE ABOUT IDENTIFIED SUBJECTS
<input checked="" type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO A LIST OF REAL WORLD CLASSES ABOUT IDENTIFIED SUBJECTS
<input checked="" type="checkbox"/>	LINK TEXT UNITS TO (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) LEARNING RESOURCES CONCERNING EACH TEXT UNITS

FIG. 25

26/69

2602

LANGUAGE LEARNING SERVICES ASSOCIATED WITH LANGUAGE LEARNING PERSONALITY	
<input type="checkbox"/>	SE
<input checked="" type="checkbox"/>	LINK WORDS OR MULTWORD EXPRESSIONS FOUND IN THE DOCUMENT TO THEIR DEFINITIONS
<input type="checkbox"/>	LINK WORDS OR MULTWORD EXPRESSIONS FOUND IN THE DOCUMENT TO THEIR TRANSLATIONS
<input type="checkbox"/>	LINK EACH SENTENCE, OR PHRASE, TO A GRAMMATICAL DESCRIPTION OF THE STRUCTURE OF THE SENTENCE OR PHRASE
<input type="checkbox"/>	LINK EACH WORD, MULTWORD EXPRESSION, PHRASE OR SENTENCE TO OTHER INSTANCES OF THE SAME IN DIFFERENT CONTEXTS FROM THE PRESENT
<input type="checkbox"/>	LINK EACH WORD, MULTWORD EXPRESSION, PHRASE OR SENTENCE TO ONE OR MORE INTERACTIVE GRAMMAR EXERCISES CONCERNING THAT ELEMENT
<input checked="" type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO A LIST OF REAL WORLD CLASSES ABOUT IDENTIFIED LANGUAGE
<input checked="" type="checkbox"/>	LINK TEXT UNITS TO (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) LANGUAGE LEARNING RESOURCES CONCERNING EACH TEXT UNITS

FIG. 26

27/69

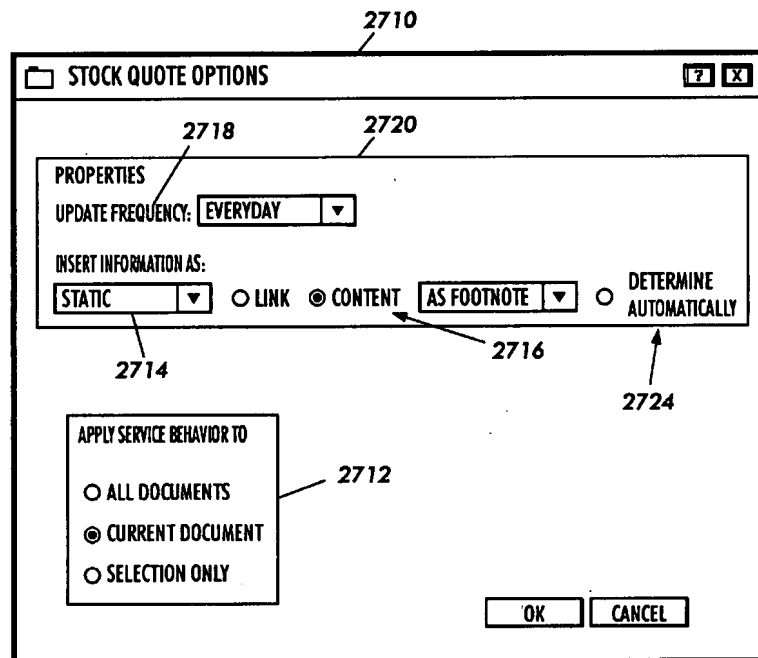
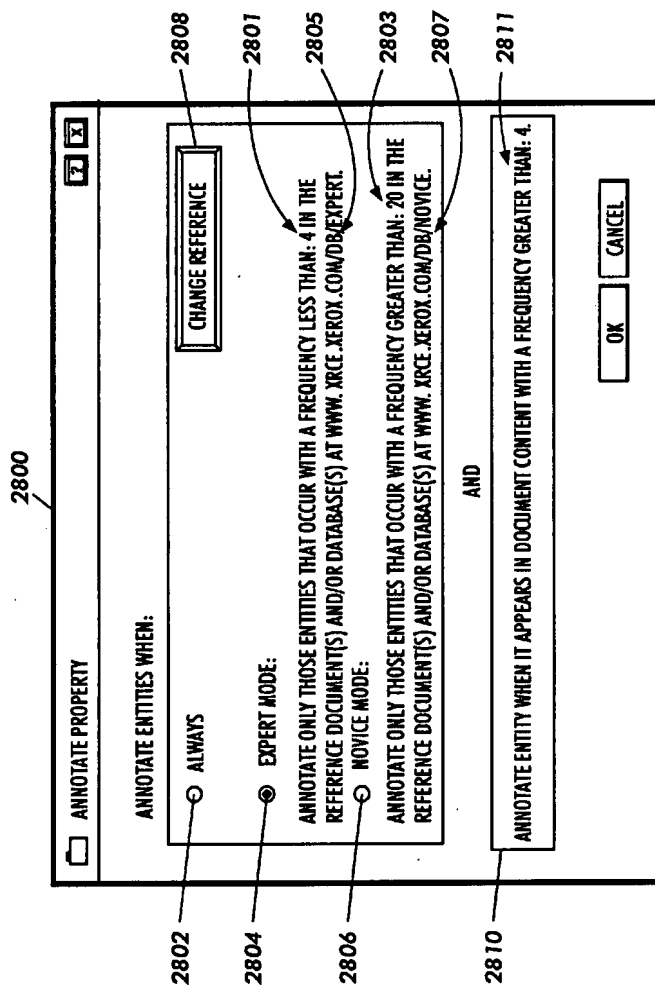


FIG. 27

FIG. 27 is a screenshot of a "STOCK QUOTE OPTIONS" dialog box. The dialog box includes a title bar with a folder icon, the text "STOCK QUOTE OPTIONS", and standard window controls (minimize, maximize, close). The main content area is divided into sections. The "PROPERTIES" section contains an "UPDATE FREQUENCY" dropdown menu set to "EVERYDAY". Below this is the "INSERT INFORMATION AS:" section, which includes a "STATIC" dropdown menu, radio buttons for "LINK" and "CONTENT" (with "CONTENT" selected), and an "AS FOOTNOTE" dropdown menu. To the right of these options is a radio button for "DETERMINE AUTOMATICALLY". At the bottom of the dialog are "OK" and "CANCEL" buttons. Various reference numerals are used to point to specific elements: 2710 for the dialog box, 2718 for the "EVERYDAY" dropdown, 2720 for the "INSERT INFORMATION AS:" section, 2714 for the "STATIC" dropdown, 2712 for the "CONTENT" radio button, 2716 for the "AS FOOTNOTE" dropdown, and 2724 for the "DETERMINE AUTOMATICALLY" radio button.

28/69



**FIG. 28**

29/69

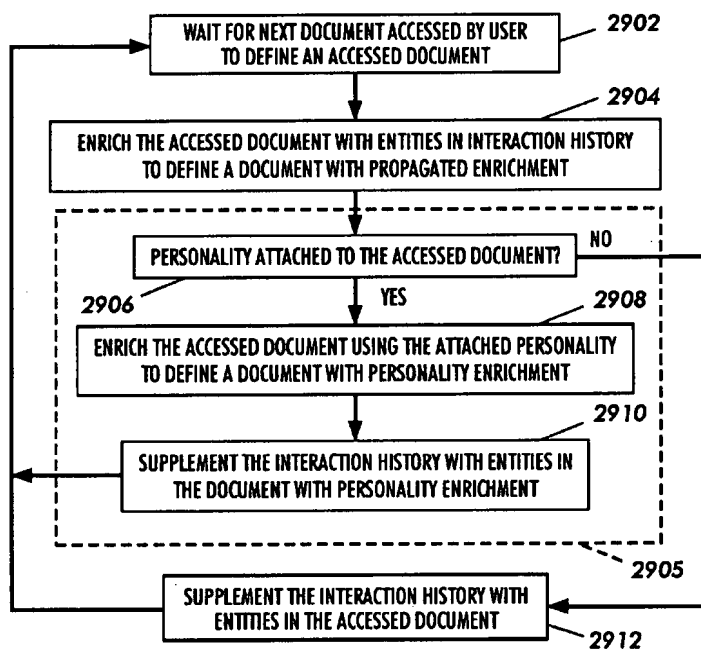


FIG. 29

30/69

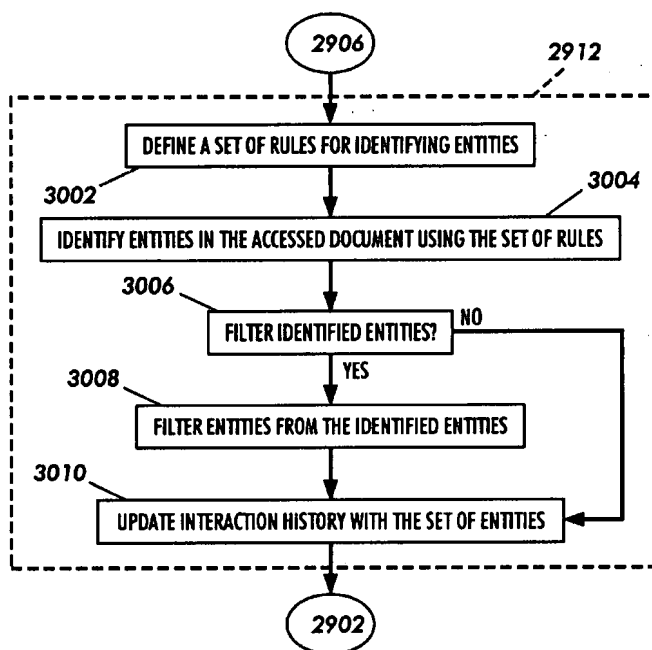


FIG. 30

31/69

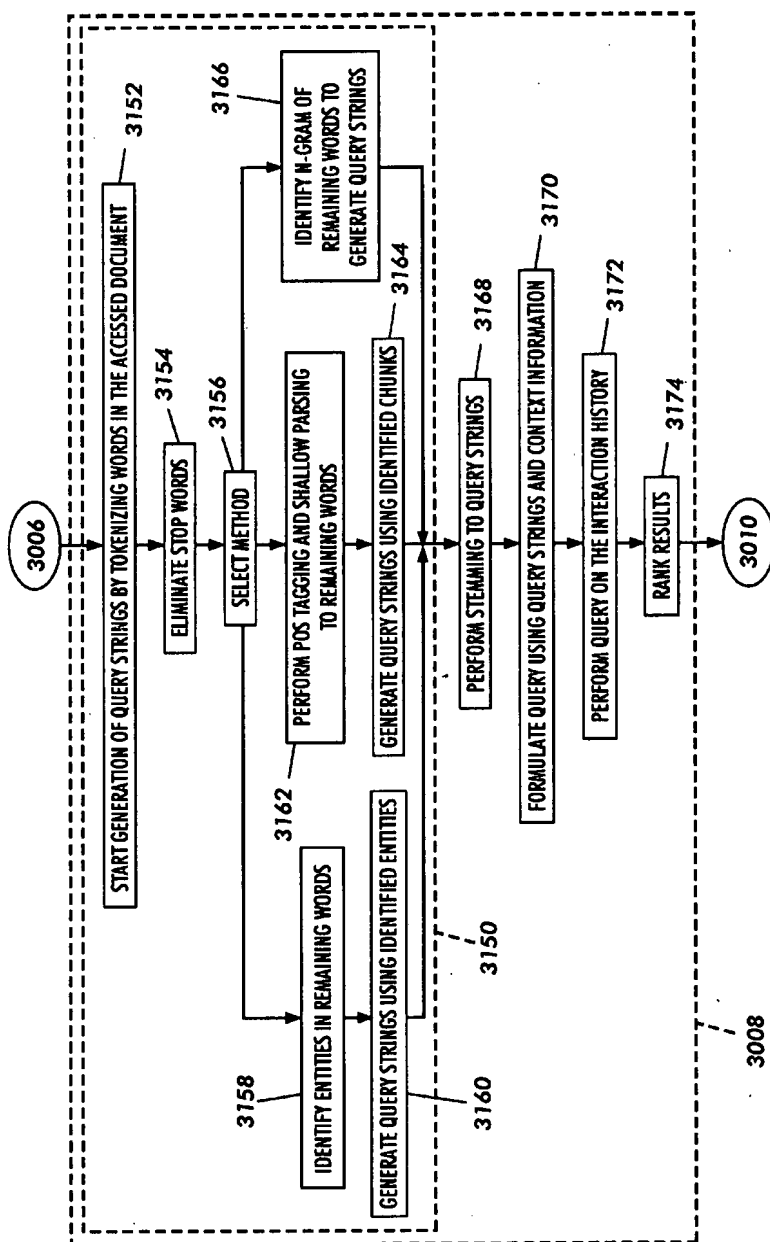


FIG. 31



32/69

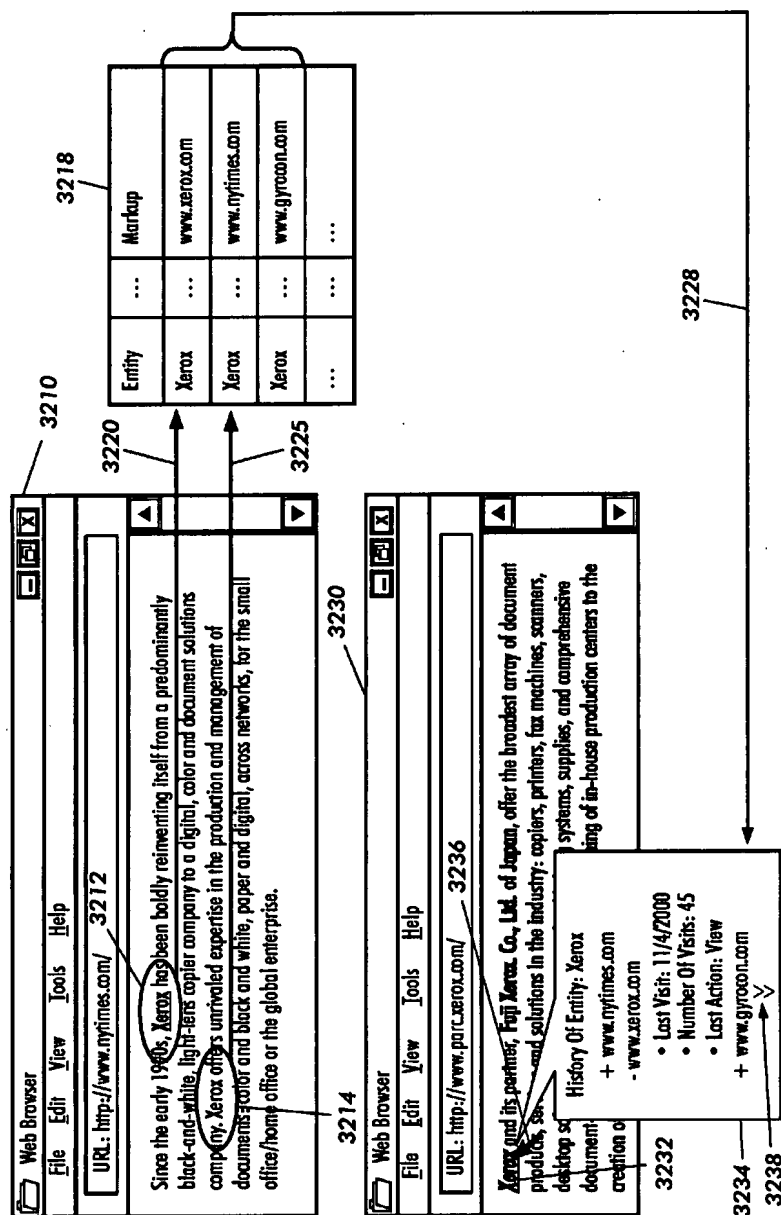


FIG. 32

3218

[illegible]

**FIG. 33**

34/69

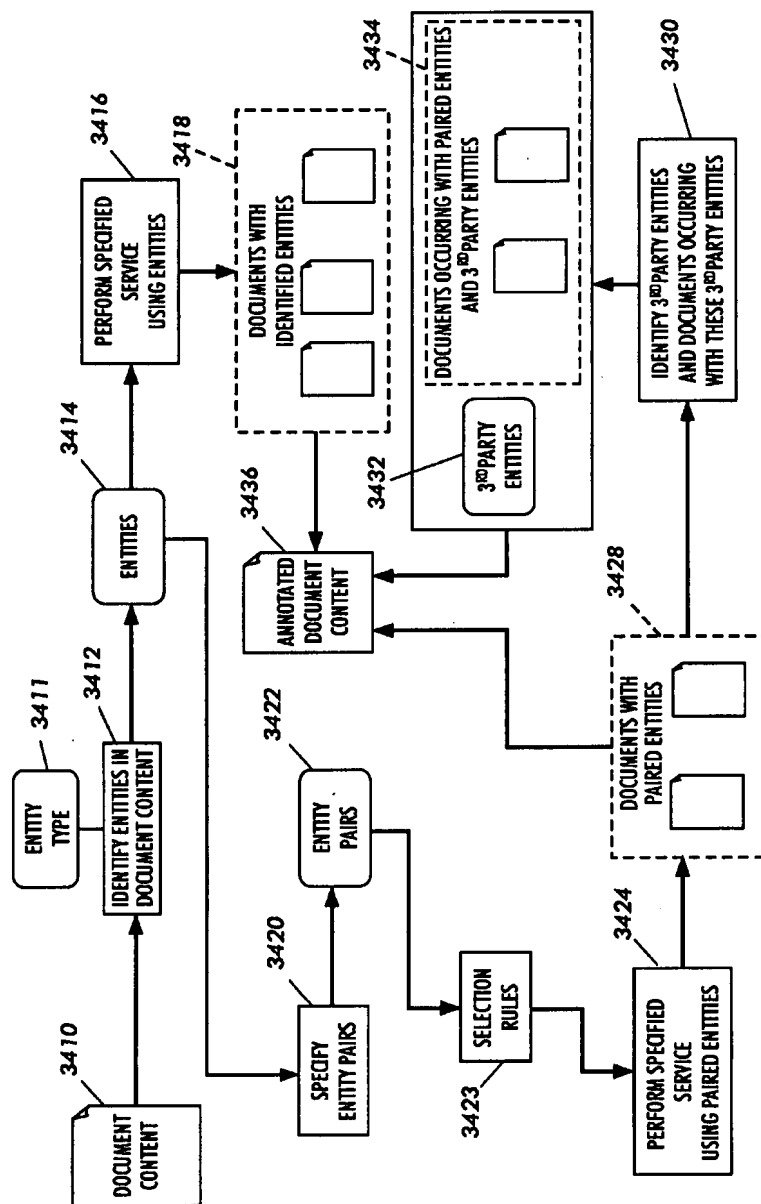
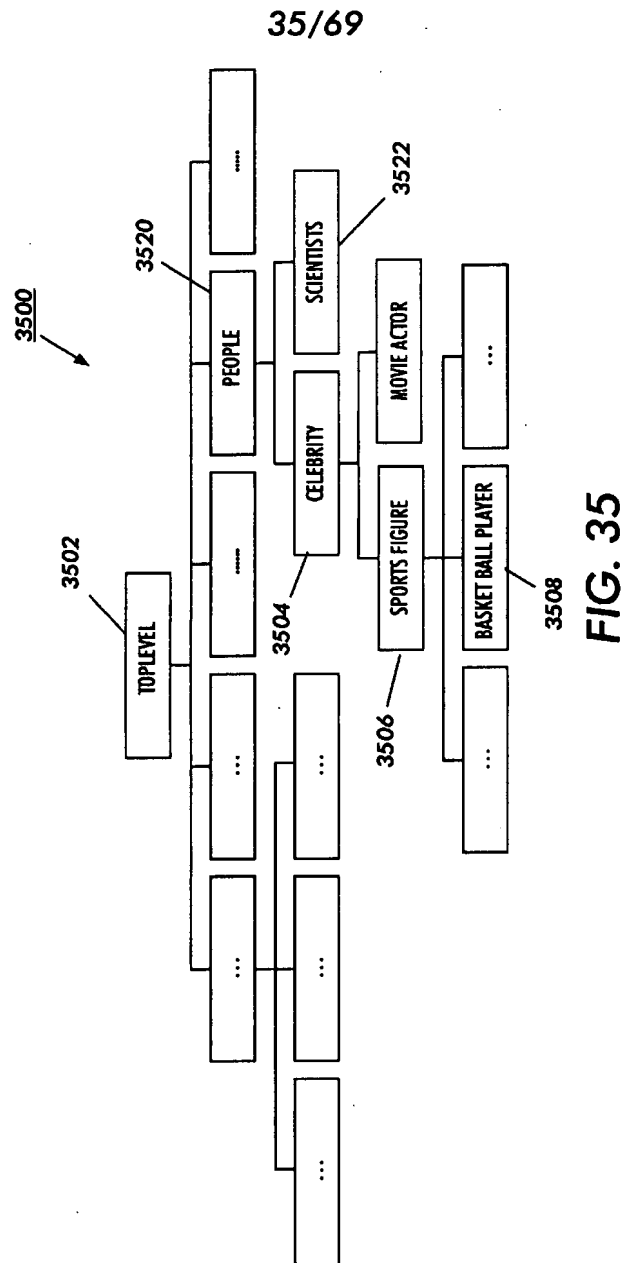


FIG. 34



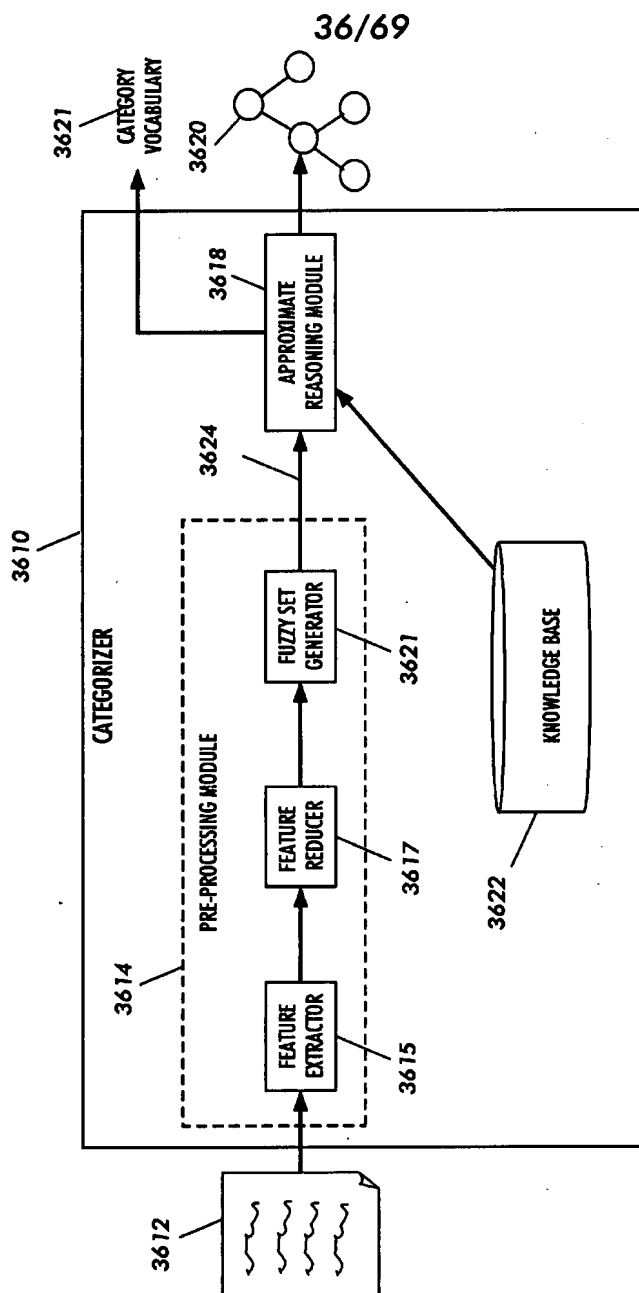
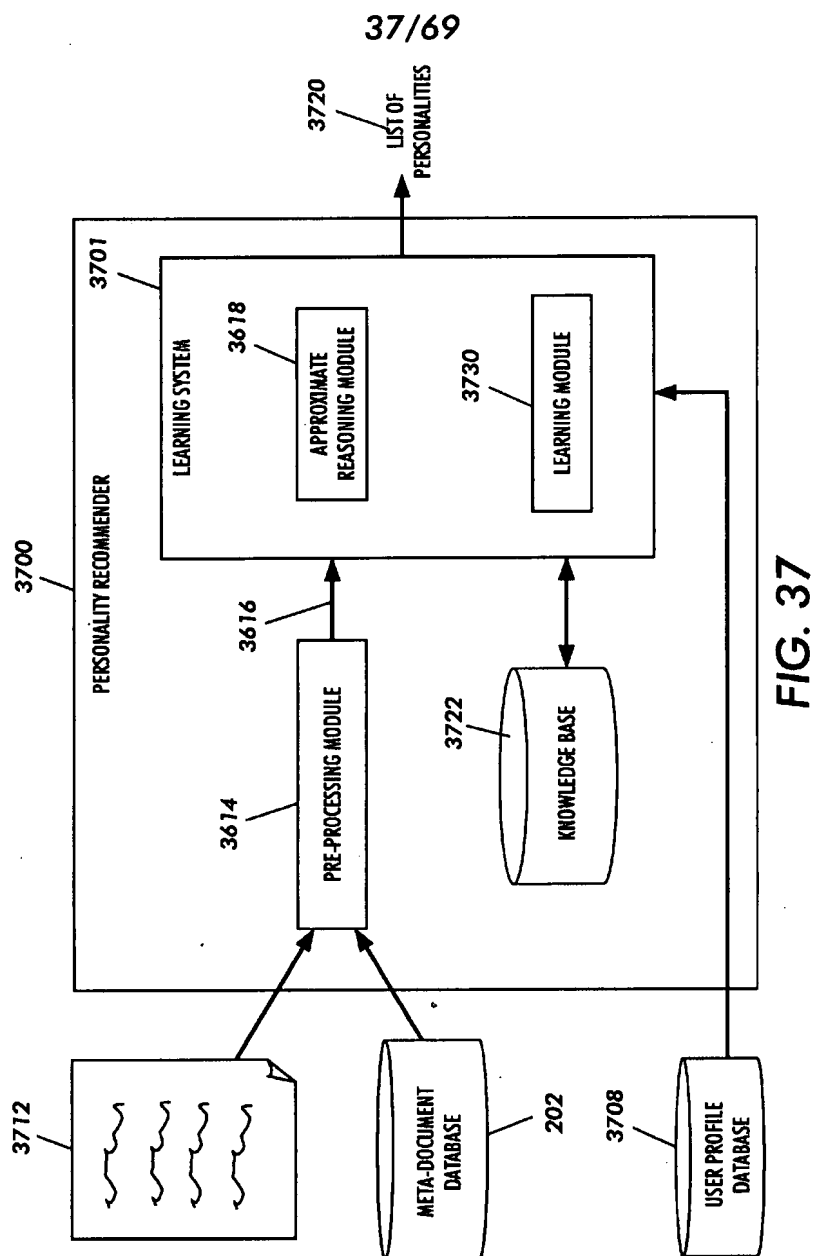


FIG. 36



38/69

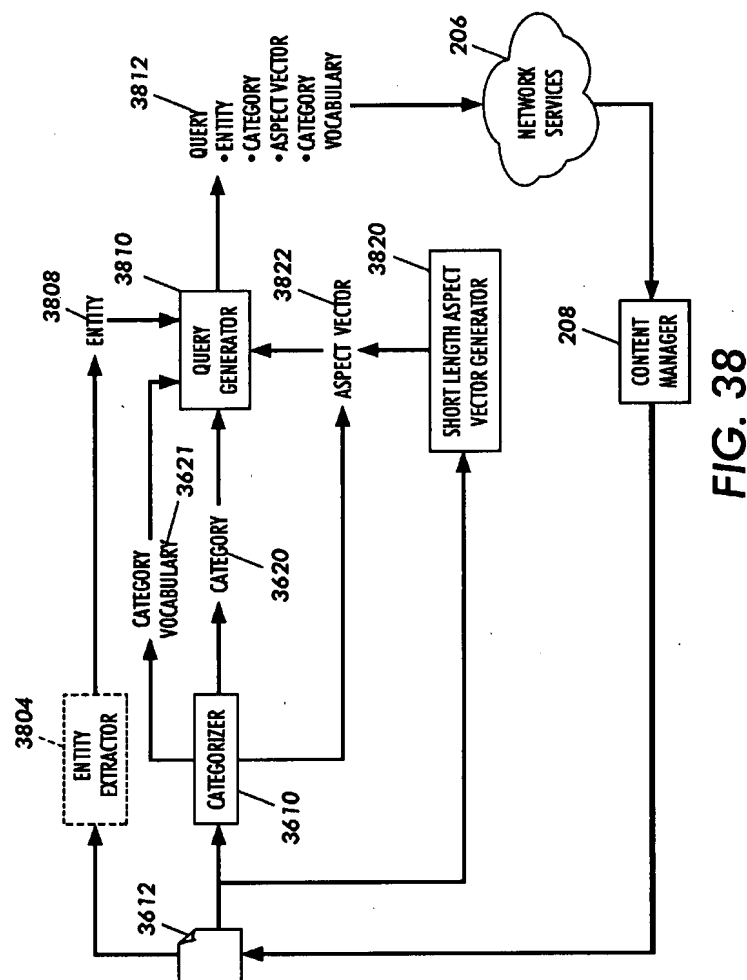


FIG. 38

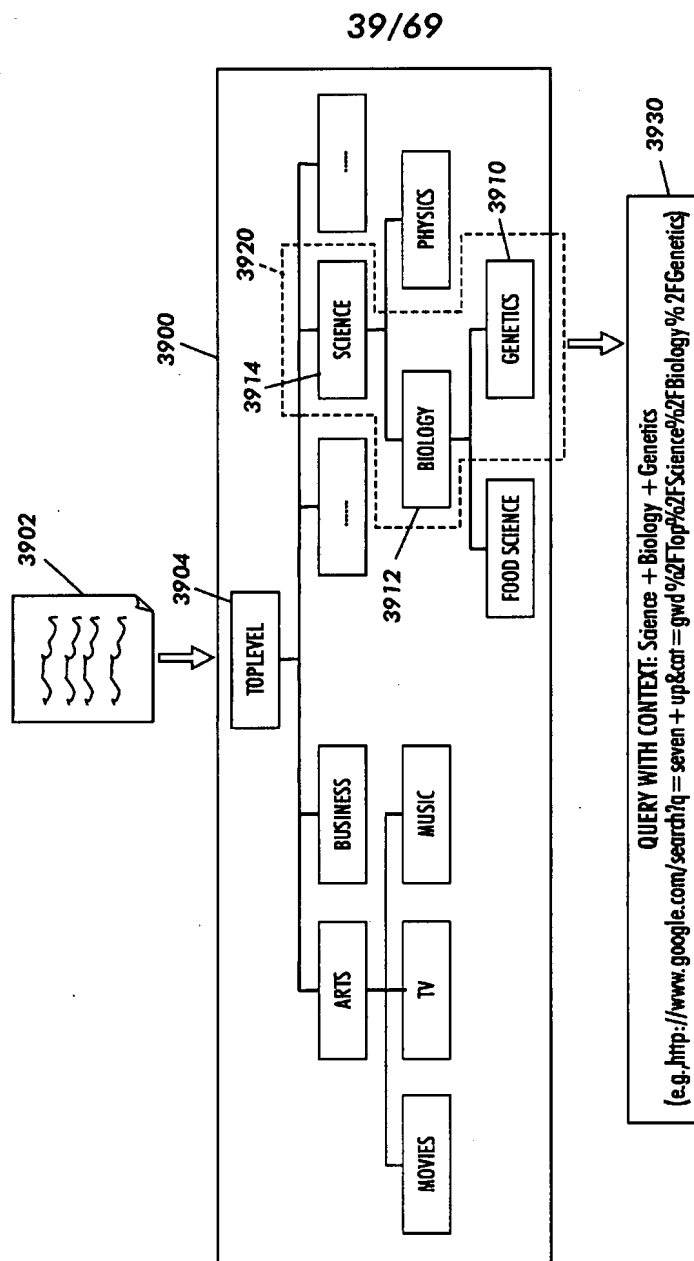


FIG. 39



40/69

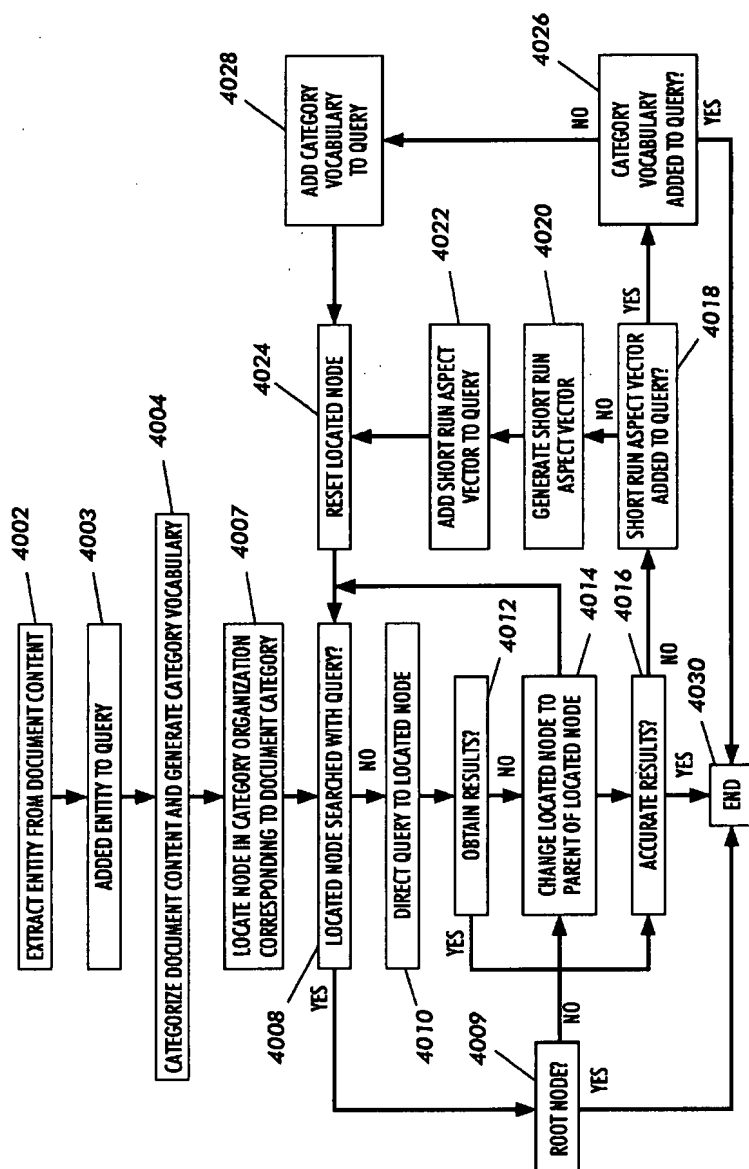
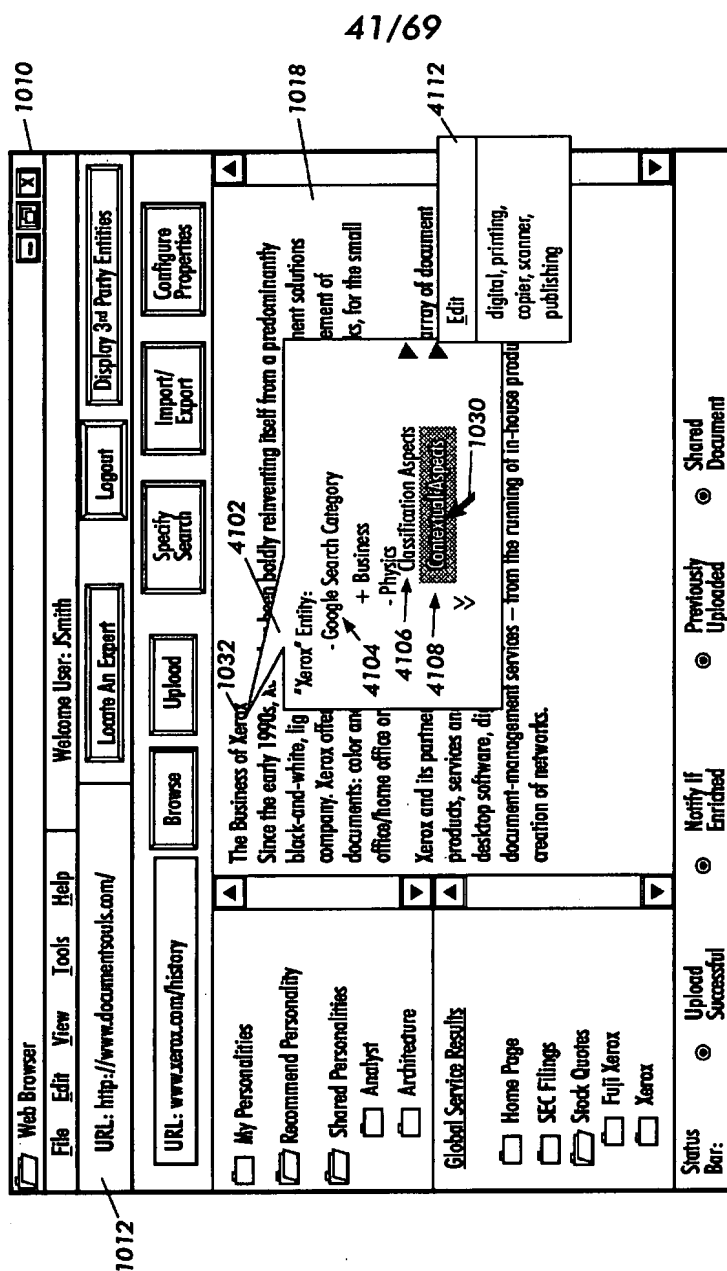


FIG. 40



42/69

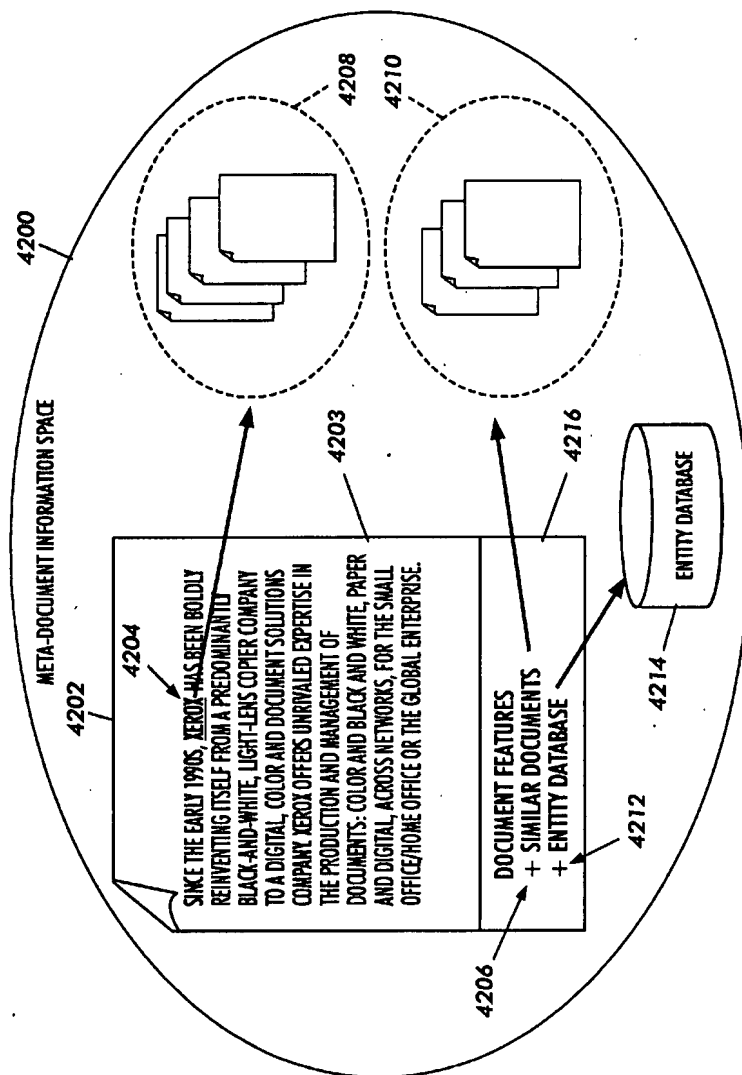


FIG. 42

43/69

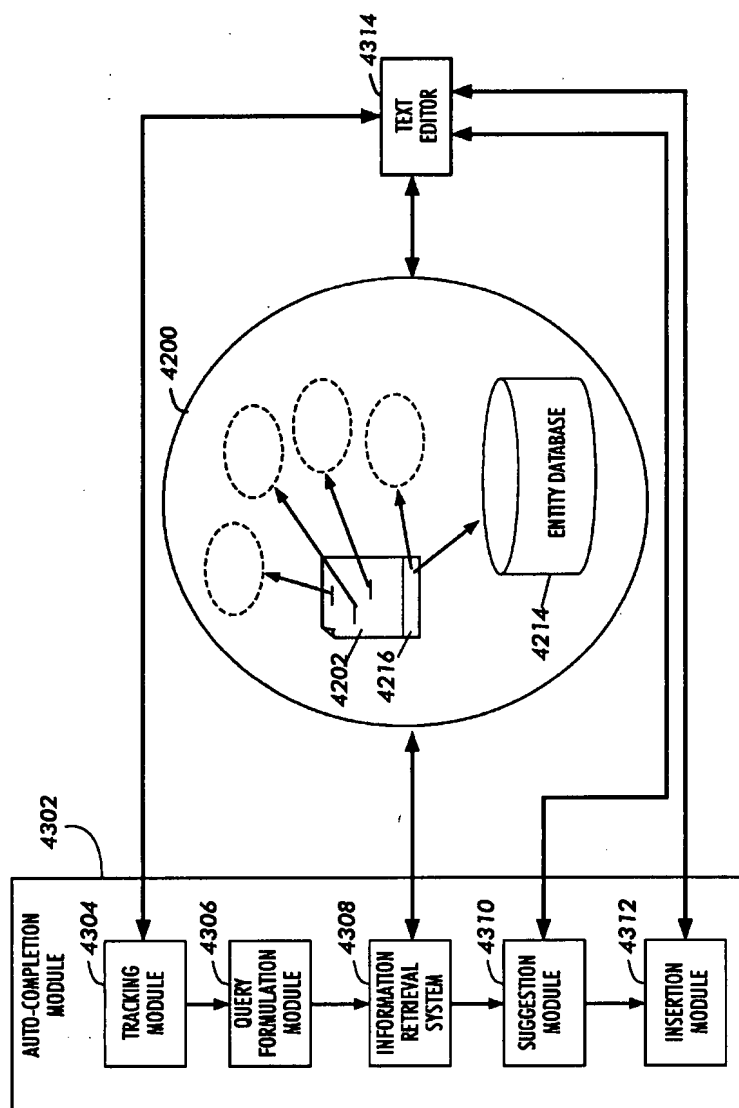


FIG. 43

44/67

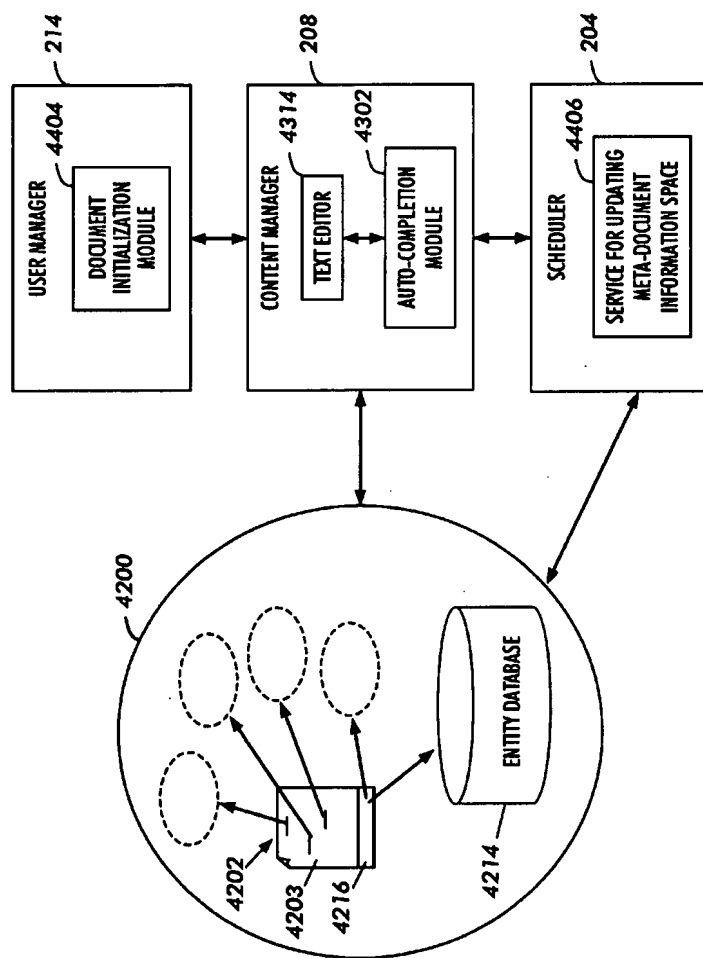


FIG. 44

45/67

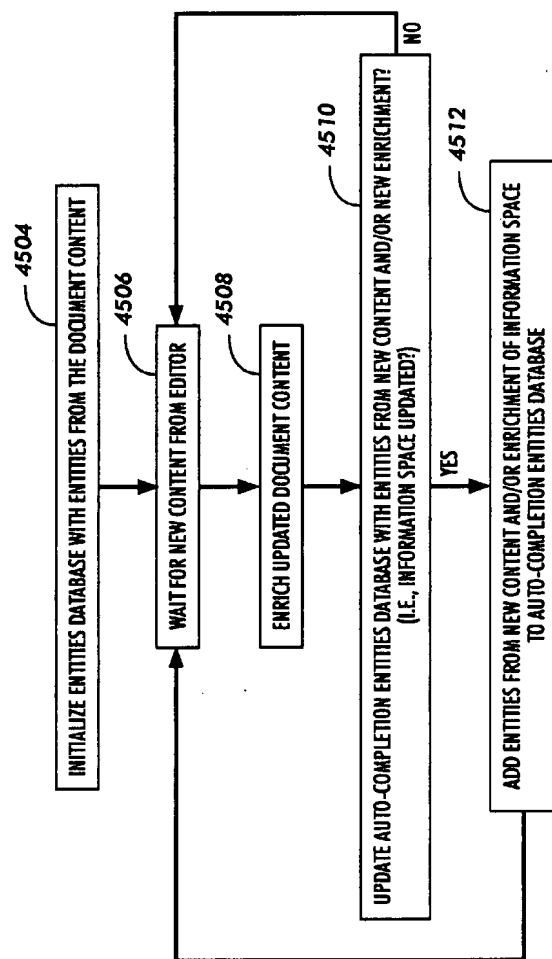


FIG. 45

46/67

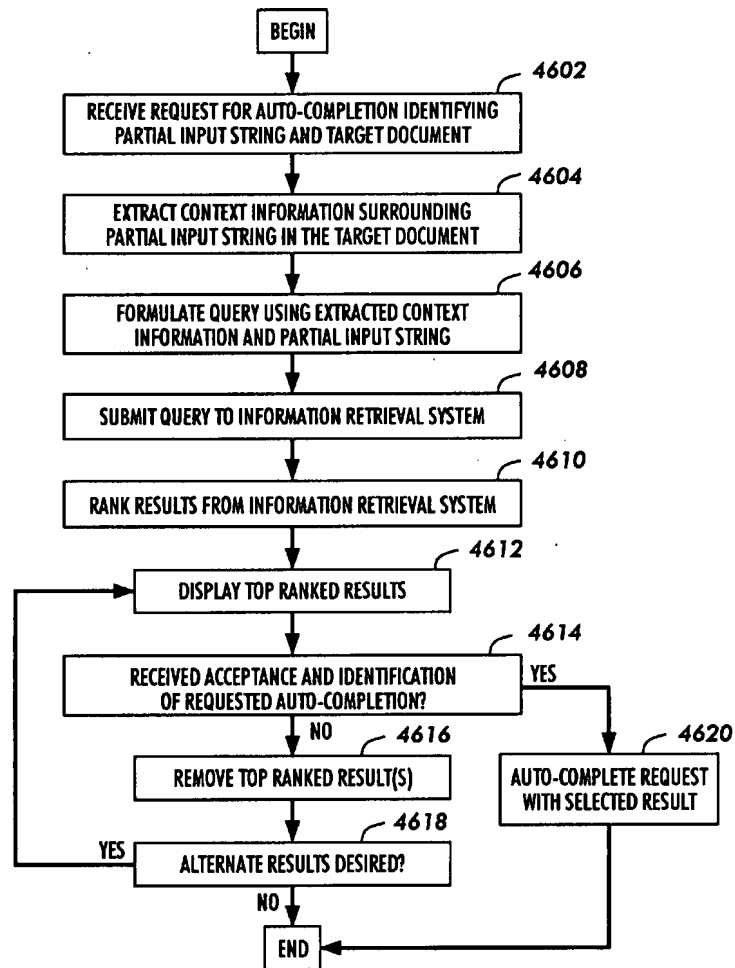
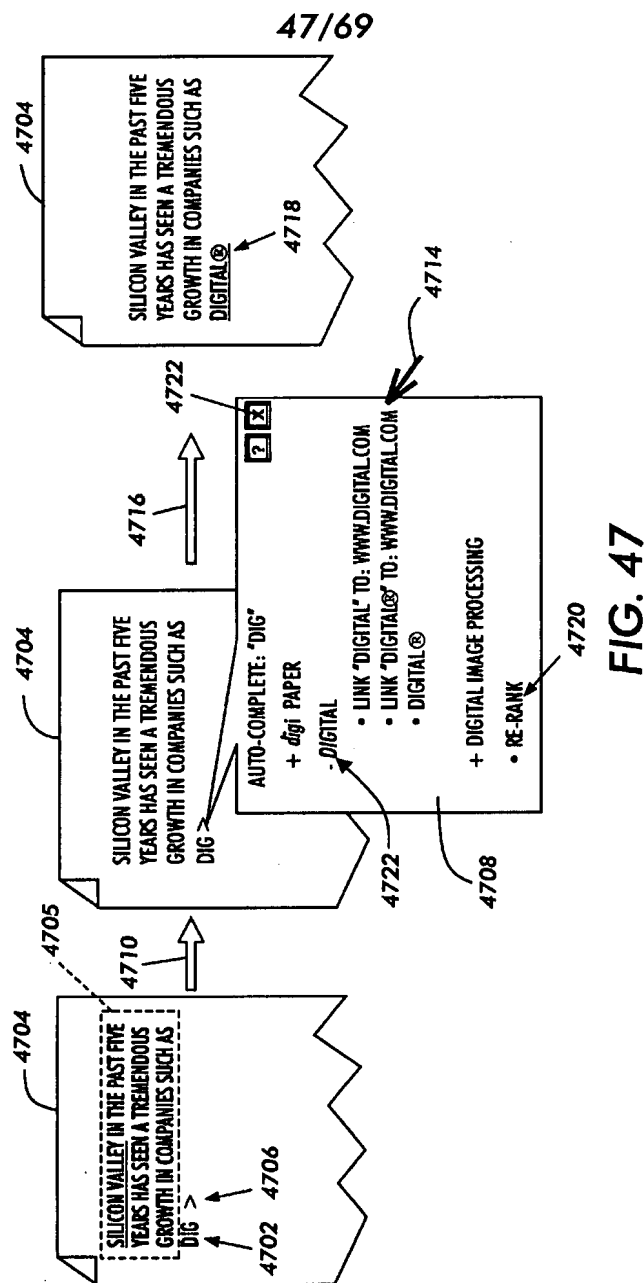


FIG. 46





48/69

(A) KEY	(B) ENTITY	(C) MARKUP	(D) FORMAT	(E) ORIGIN	(F) ORIGIN POSITION	(G) PART OF SPEECH	(H) CONTEXT
Sili	Silicon Valley	www.siliconvalley.com	Capitalize	TARGET DOCUMENT CONTENT	1	Noun	Science
Dig	Digital	www.digital.com	®	www.digital.com	434	Adjective	Science
Dig	DigiPaper	NONE	Bold	www.parc.xerox.com	23	Noun	Science
Dig	digress	NONE	NONE	www.nytimes.com	343	Verb	Politics
...	...	...	...	...	...	...	...

FIG. 48

49/69

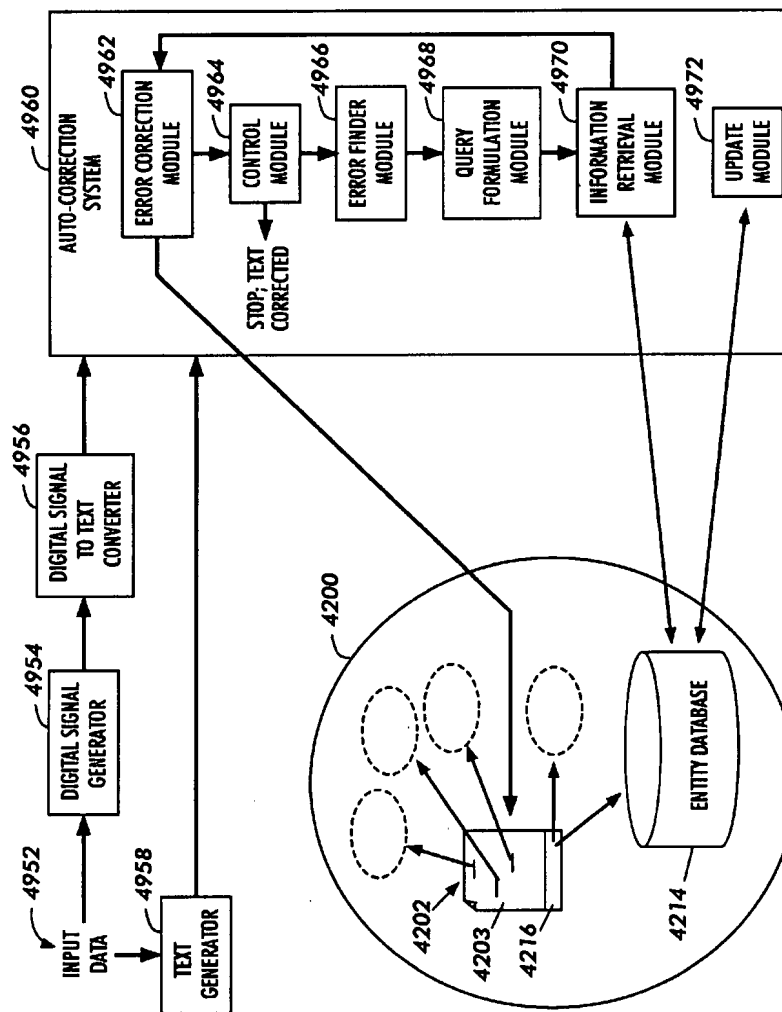


FIG. 49

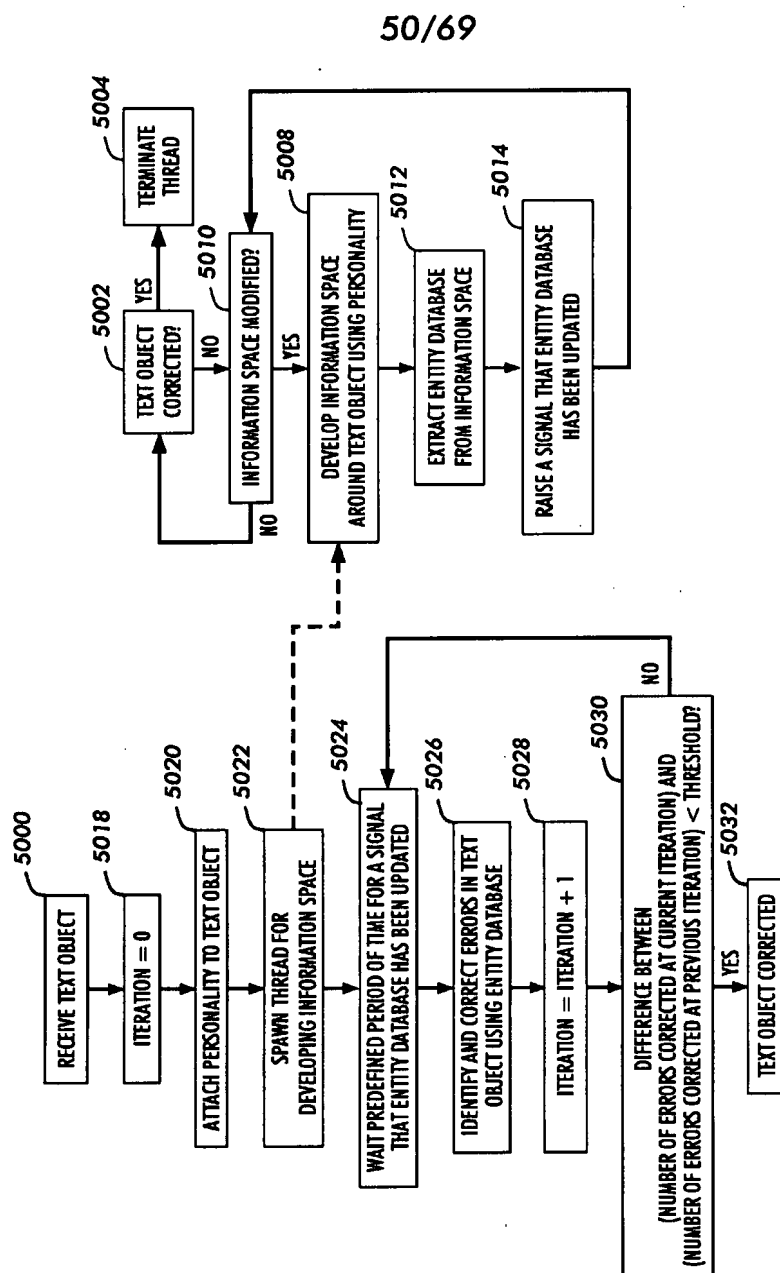


FIG. 50

51/69

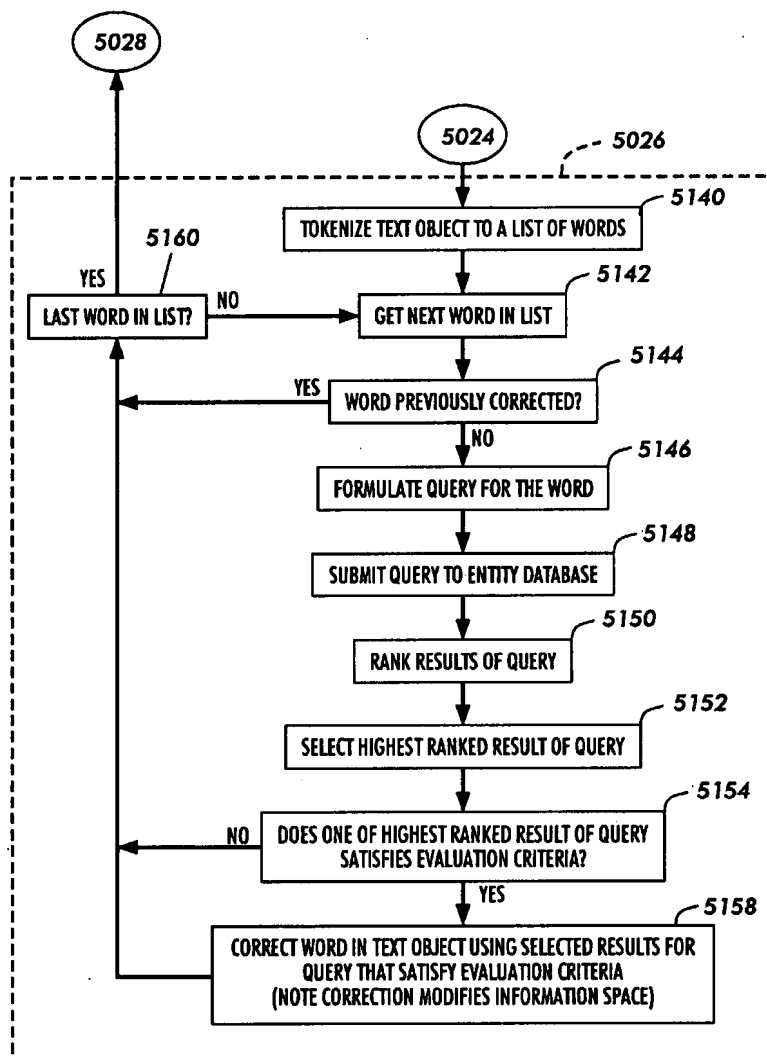


FIG. 51

52/69

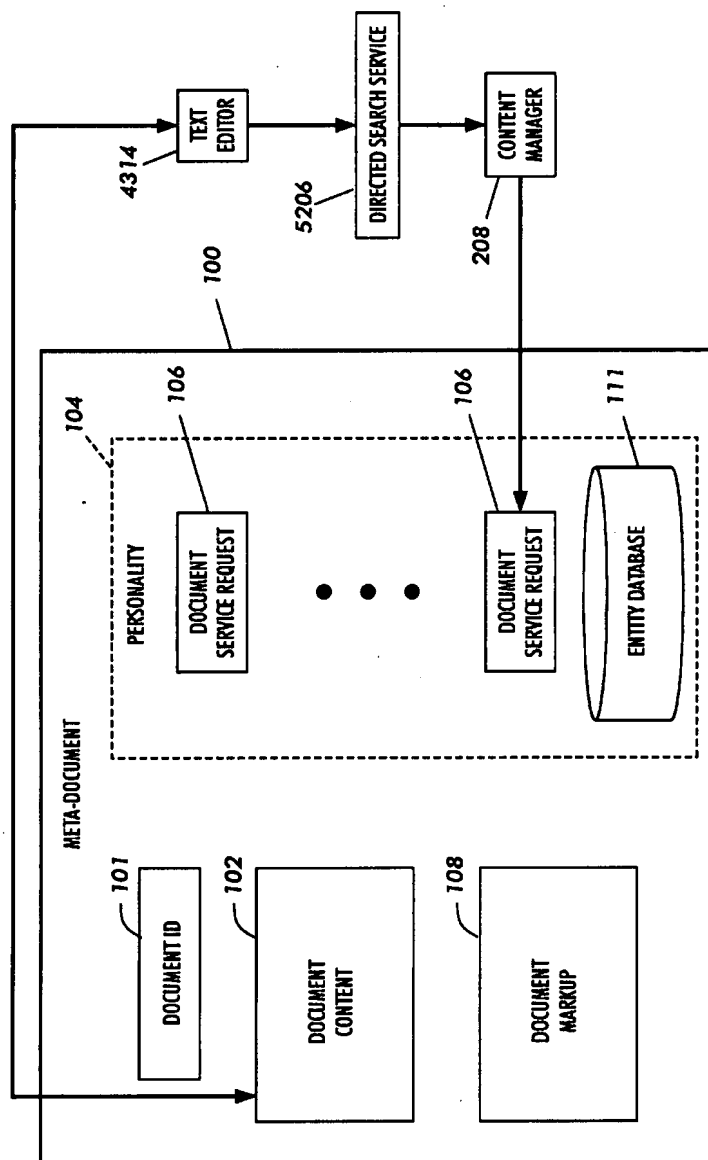


FIG. 52

53/69

5300

**DIRECTED SEARCH**

5302 Get:  For:  5304

5306 Insert Result as: ☐ Link ☒ Content ☐ Metadata

5308 Update Frequency:

5310

Select Providers

Reuters  
Thomson  
Hoover

5318 Search Selected Providers By:

5320 ☒ Cost

5322 ☐ Speed

Ensures:

Language of text is:

☒ Premium ☐ Non-Premium

☐ Low Quality ☒ High Quality

☐ Copyrighted ☒ Not Copyrighted

☐ Free ☒ Paid Max price \$:

Maximum number of words:

5312

5314

Location Of Results:

☒ After Current Selection

☐ Before Current Selection

☐ As Comment To Current Selection

☐ As Footnote To Current Selection

Current Selection Is:

Xerox in the past five years has seen tremendous growth

5315

5317

5316

Cancel Insert

FIG. 53

54/69

5400

```
<service id='Products'
  refresh=30
  insert='Content'
  language='En'
  quality='Premium&High&Not-copyrighted&paid'
  maxprice='50'
  maxwords='2000'
  search='cost'>
  <entity>>Xerox
    <offsets>13 18 456 461 710 715</offsets>
    <provider name='Thomson' id=18></provider>
    <provider name='Reuters' id=19></provider>
  </entity>
</service>
```

FIG. 54

55/69

5500

**IMPORT/EXPORT** [?] [X]

EXPORT NAME:   5502

**EXPORT:**

- ☒ ORIGINAL DOCUMENT CONTENT
- ☒ DOCUMENT MARKUP (I.E., ENRICHMENT)
- ☒ PERSONALITIES

5504

5506

5508

☐ IMPORT NAME:   5512

**IMPORT:**

- ☒ ALL CONTENT
- ☐ SELECTED CONTENT ONLY
  - ☐ ORIGINAL DOCUMENT CONTENT
  - ☐ DOCUMENT MARKUP (I.E., ENRICHMENT)
  - ☐ PERSONALITIES

5510

☒ BIND UN-MATCHED ELEMENTS

☒ ENHANCE BOUND ELEMENTS WITH EXISTING SERVICE PROVIDERS

5514

FIG. 55



56/69

```

<!-- SERVER ID>
<docsouls:serverid> DS v1.0 server name </docsouls:serverid>
<!-- PROPERTIES OF DOCUMENT>
<docsouls:docid> xxx </docsouls:docid>
<docsouls:name> xxx </docsouls:name>
<docsouls:owner> xxx </docsouls:owner>
...
<!-- ORIGINAL DOCUMENTS DOCUMENT CONTENT>
<docsouls:originaldoc format="HTML">toto.html</docsouls:originaldoc>
<docsouls:browsingdoc format="HTML">browse.html</docsouls:browsingdoc>
...
<!-- LIST OF PERSONALITIES AND DOCUMENT SERVICE REQUESTS>
<docsouls:endowmentdescription>
<!-- LIST OF PERSONALITIES>
<docsouls:personality id = " " name=" " etc.>
<docsouls:service id=" " name=" " etc.>
<docsouls:provider name=" " etc.>
<docsouls:provider name=" " etc.>
</docsouls:service>
<docsouls:personality>
...
<!-- LIST OF SERVICE REQUESTS>
<docsouls:service id=" " name=" " etc.>
<docsouls:provider name=" " etc.>
<docsouls:provider name=" " etc.>
</docsouls:service>
...
</docsouls:endowmentdescription>

```

FIG. 56

57/69

```

<!-- DESCRIPTIONS OF PERSONALITIES>
<docsouls:personalitydescription>
  <docsouls:id> xx </docsouls:id>
  <!-- all the fields AND service categories>
  <docsouls:servicecategory id="" name = "">
</docsouls:personalitydescription>

<!-- NEXT PERSONALITY DESCRIPTION>
...

<!-- DESCRIPTION OF DOCUMENT SERVICE REQUESTS>
<docsouls:servicedescription>
  <docsouls:id> xx </docsouls:id>
  <!-- list all fields (e.g., "refresh period", category, etc.)>
  <!-- list all providers>
  <docsouls:provider id="" name = "">
  <!-- list all strategies>
  <!-- list status of services (original, frozen, mapped, etc.)>
  <docsouls:servicestatus status="mapped" originalid="" originalserver="">
  <!-- list ServerId if the service was not available on current server>
  <docsouls:serverid>id</docsouls:serverid>
</docsouls:servicedescription>

<!-- NEXT SERVICE REQUESTS DESCRIPTION>
...

```

FIG. 57

58/69

```

<!-- DESCRIPTION OF PROVIDERS >
<docsouls:providerdescription>
  <docsouls:id> xx </docsouls:id>
  <!-- all the fields e.g. key, URL, etc.>
</docsouls:providerdescription >

<!-- DESCRIPTION OF DICTIONARIES >
<docsouls:dictionarydescription>
  <docsouls:id> xx </docsouls:id>
  <!-- all the fields, e.g. category>
</docsouls:dictionarydescription>

<!-- DESCRIPTION OF STRATEGY >
<docsouls:strategydescription>
  <docsouls:id> xx </docsouls:id>
  <!--all the fields>
  <!--all the dictionaries>
</docsouls:strategydescription>

<!-- RESULTS OF GLOBAL SERVICES >
<docsouls:globalservice id="Summary">
  <docsouls:link> xxx </docsouls:link>
  <docsouls:content> xxx </docsouls:content>
</docsouls:globalservice>

<!-- OTHER RESULTS (E.G. KEYWORDS, CATEGORIES, ETC.) >

```

FIG. 58A

59/69

```

<!-- (OPTIONAL) DESCRIPTION OF ENRICHMENT PERFORMED AT OTHER DOCUMENT ENRICHMENT
SYSTEMS>
<docsouls:serverid>olderServerId</docsouls:serverid>
<docsouls:personalitydescription>...</docsouls:personalitydescription>
<docsouls:servicedescription>...</docsouls:servicedescription>

<!-- (OPTIONAL) LIST OF RESULTS OF THE LAST ENRICHMENT>
<!-- IDENTIFY DOCUMENT SECTION IN CASE OF MULTI-PART DOC>
<docsouls:docpart>main frame.html</docsouls:docpart>
<!-- OFFSET WHEN ENRICHMENT APPLIES TO A SECTION>
<docsouls:offset> 0 200 </docsouls:offset>
<!-- STATUS OF SERVICE APPLIED ("ACTIVE" OR "FROZEN")>
<docsouls:service id="StockQuote" status="active">
  <!-- ENTITY>
  <docsouls:entity>>Xerox
    <!-- NORMALIZED FORM>
    <docsouls:normalized>Xerox</docsouls:normalized>
    <!-- LIST OF OFFSETS WHERE ENTITY IS FOUND IN TEXT RELATIVE TO SECTION>
    <docsouls:offsets start=35 end=40 />
    <!-- DICTIONARIES>
    <docsouls:dict> xxx </docsouls:dict>
    <!-- STRATEGIES>
    <docsouls:strat> xxx </docsouls:strat>
    <!-- LINK INFORMATION>
    <docsouls:link> xxx </docsouls:link>
    <!-- CONTENT INFORMATION>
    <docsouls:content> xxx </docsouls:content>
  </docsouls:entity>
  <!-- NEXT ENTITY>
  ...
</docsouls:service>

```

FIG. 58B

60/69

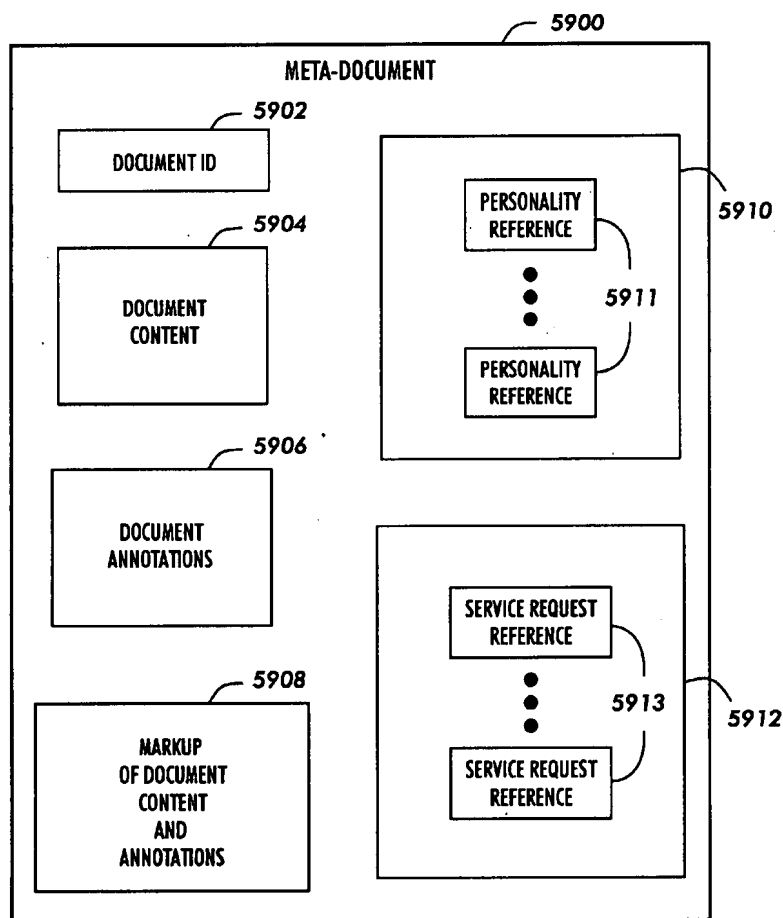
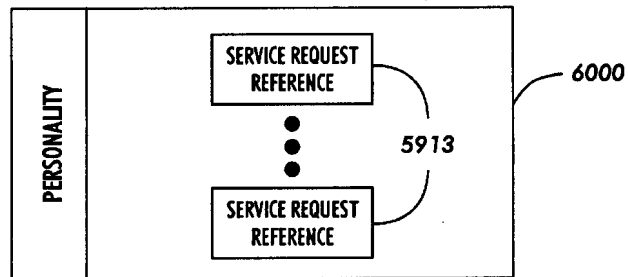


FIG. 59

61/69



**FIG. 60**

62/69

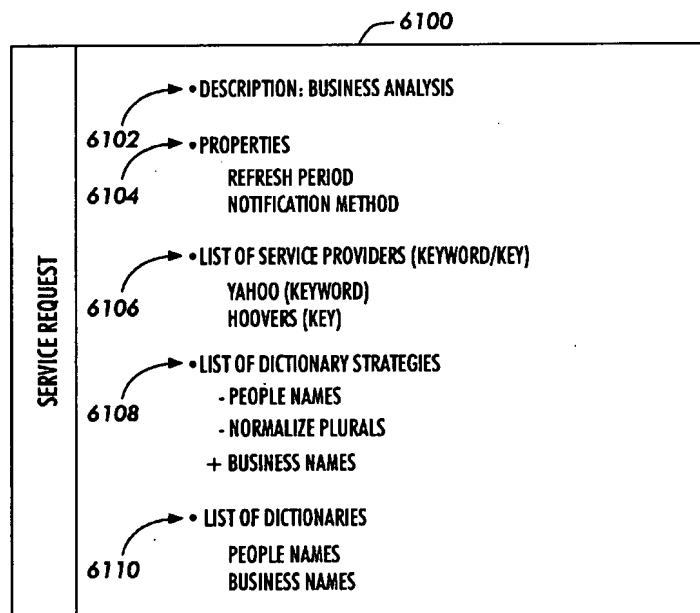
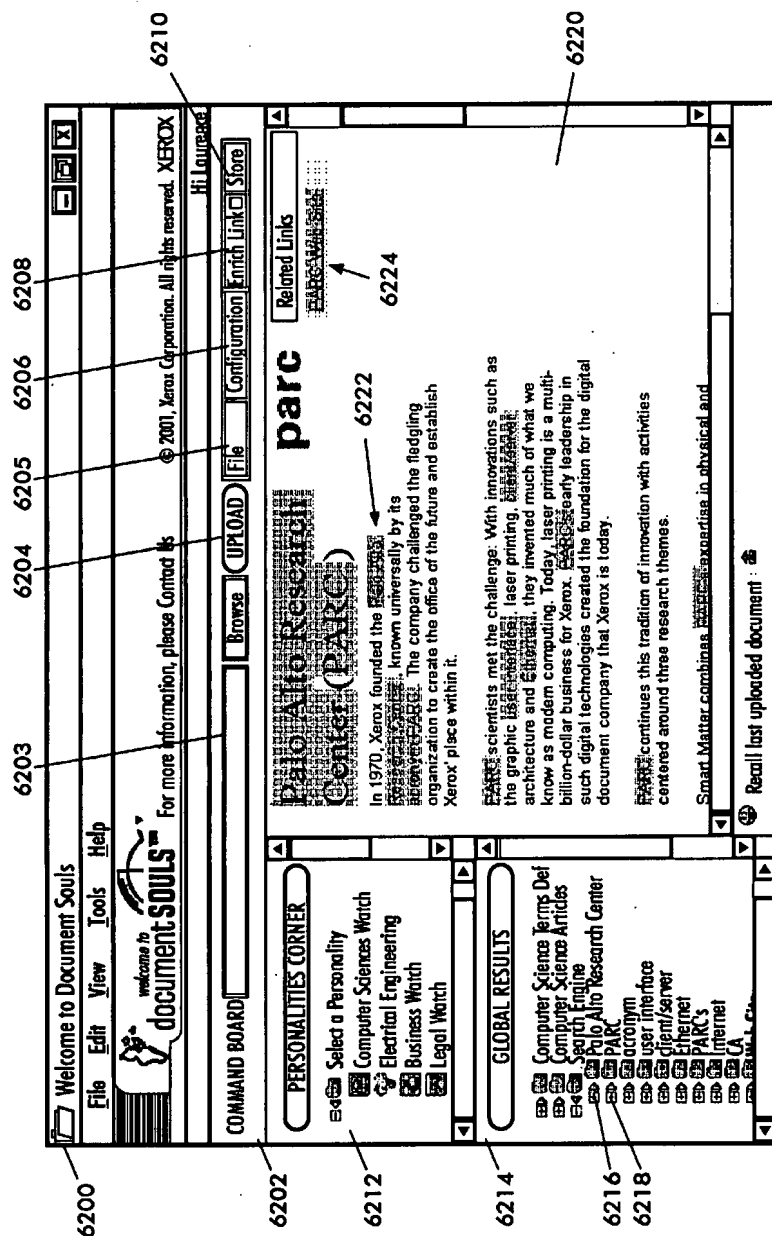


FIG. 61

63/69





64/69

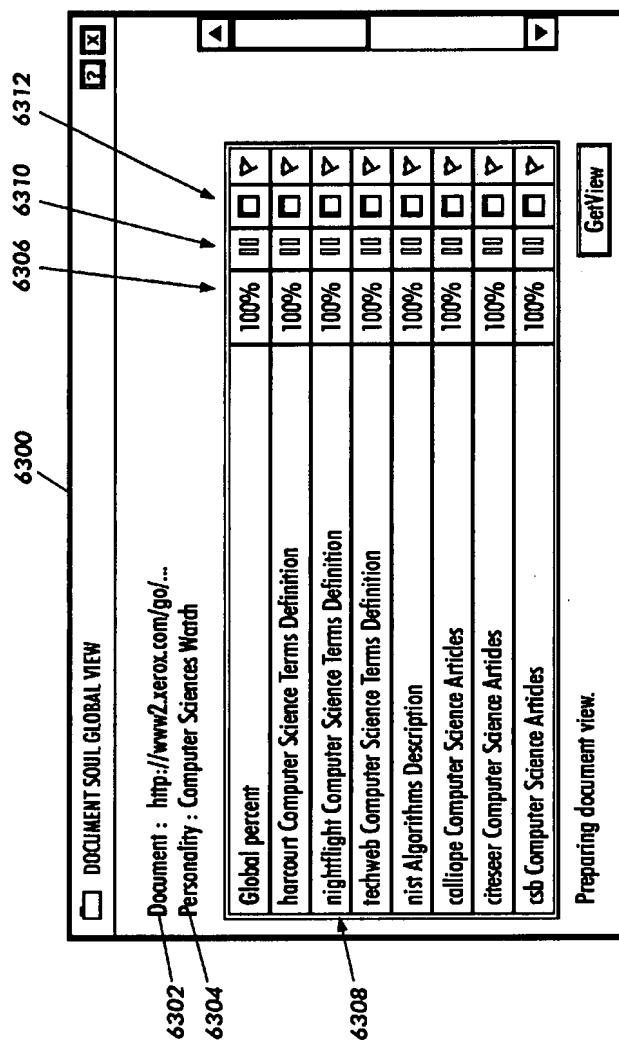


FIG. 63

65/69

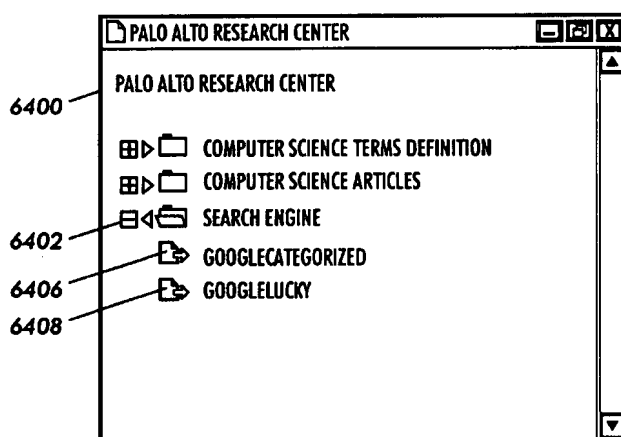


FIG. 64

66/69

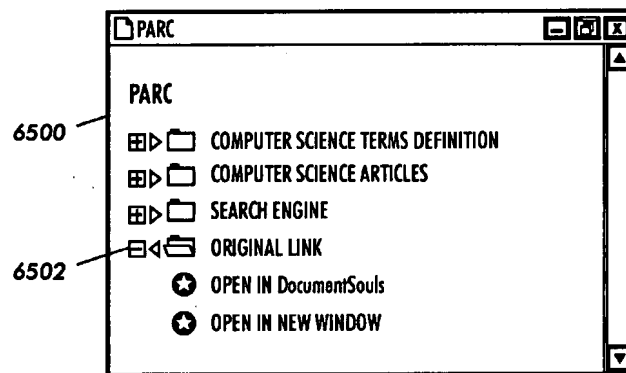


FIG. 65

67/69

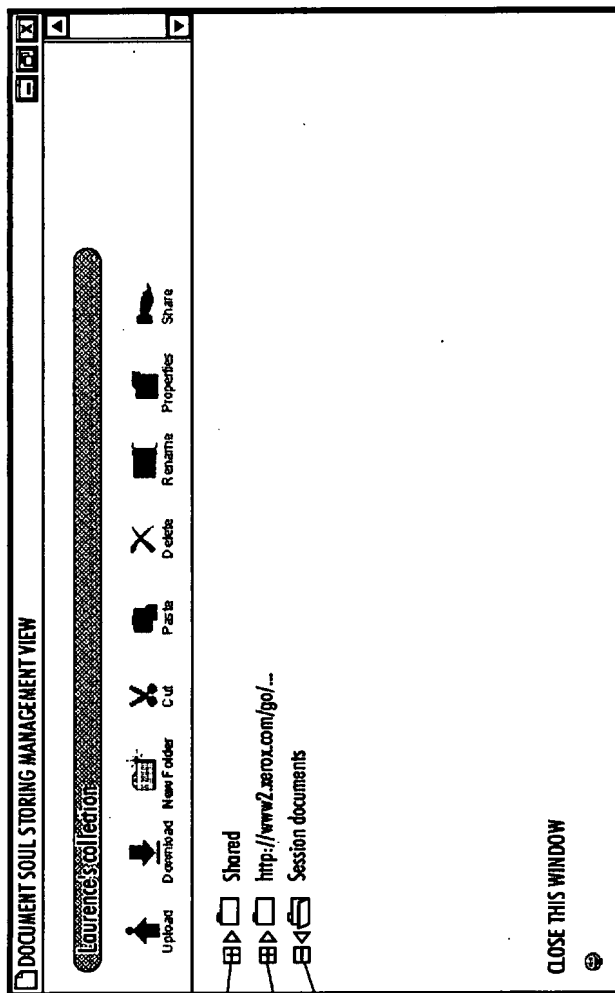


FIG. 66

6600

6606

6604

6602

68/69

**DOCUMENT SOUL MARKING OPTIONS**

**Marketing and Enhancement Option:**

Add an enrich button to your browser: Enrich with DocSoul (drag & drop this link to your toolbar, Unix Netscape user: right click on the link and choose add bookmark for link then edit your bookmark and rename it)

**Default personality:**

☐ Choose default personality: Computer Sciences Watch

☐ Always ask for personality

**Color of marked words:**

☐ Automatically enrich any uploaded document with the default personality

☒ Enrich followed links

**SUBMIT** **CANCEL**

6700

6702

6704

6706

6708

6710

FIG. 67

69/69

DOCUMENT SOUL SERVICES CONFIGURATION

Abstracts

Abstracts from Compendex

Abstracts from Websters

STANDARD

STANDARD

Unknown

Unknown

LOW

LOW

request office

web site abstracts

none

none

LINK

LINK

6800

6802

6804

Industry Standards

Patents and I/Ps

Engineering Handbooks

Technical News

Technical Information

Abstracts from Compendex

Abstracts from Websters

STANDARD

STANDARD

Unknown

Unknown

LOW

LOW

request office

web site abstracts

none

none

LINK

LINK

Abstracts from Compendex

Abstracts from Websters

STANDARD

STANDARD

Unknown

Unknown

LOW

LOW

request office

web site abstracts

none

none

LINK

LINK

Abstracts from Compendex

Abstracts from Websters

STANDARD

STANDARD

Unknown

Unknown

LOW

LOW

request office

web site abstracts

none

none

LINK

LINK

**FIG. 68**